

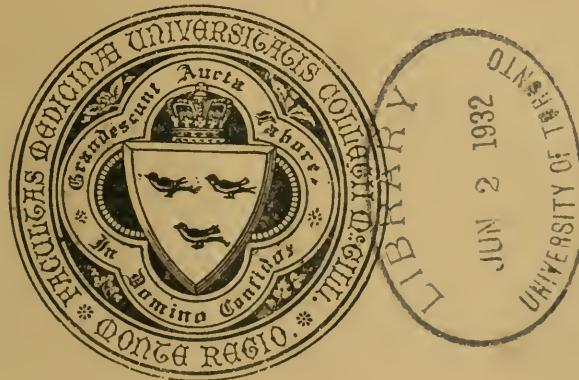
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Biological
Medical
Materials

McGILL UNIVERSITY

ANNUAL CALENDAR

FACULTY OF MEDICINE.



57TH SESSION, 1889-90.

MONTREAL:

PRINTED FOR THE UNIVERSITY BY THE GAZETTE PRINTING CO.

1889.

FAIRCHILD'S PEPSINE.

The Sustained Supremacy

—OF—

FAIRCHILD'S PEPSINE

In Activity, Permanence and General Excellence has won for this product a wide use and recognition in all the principal markets of the world.

We guarantee it to be unchangeable, to maintain its activity and quality under all commercial conditions; it is therefore, by far the most available for the dispensing counter, as well as in the manufacture of every proper form of Pepsine preparation.

Under exactly parallel conditions, with any proper percentage of acidity and with any proportion of such acidulated water to the albumen, FAIRCHILD'S PEPSINE is positively superior to any pepsine known.

It will under absolutely comparative conditions, grain for grain, digest more albumen than any other pepsine made.

We will be pleased to send samples to any physician who may wish to ascertain for himself the relative activity of FAIRCHILD'S PEPSINE, or to submit it to any practical trial.

PRICES AND COMPLETE INFORMATION UPON APPLICATION.

FAIRFIELD BROS. & FOSTER,

NEW YORK.

CHICAGO.

LONDON, ENG.

TO CANADIAN PHYSICIANS.

WE have inaugurated a series of Reprints on certain medicated subjects in which

ANTISEPTIC TREATMENT

is advocated, believing they may prove of reciprocal value to physicians and ourselves. The following will be forwarded, postpaid, free of all cost to physicians who have not already received them:

THE DIAGNOSIS AND TREATMENT OF NASAL CATARRH:

Illustrated by Forty Wood Cuts of Instruments and Diseased Conditions.

By Prof. Geo. M. Lefferts, A.M., M.D., New York.

SUMMER DIARRHEA IN CHILDREN:

By J. N. Love, M.D., St. Louis.

OTITIS MEDIA PURUDENTA: (A Clinical Lecture.)

By Prof. Dudley S. Reynolds, M.D., Louisville.

ATROPHIC NASAL CATARRH: (A Clinical Lecture.)

By Carl Seiler, M.D., Philadelphia.

TREATMENT OF DIPHTHERIA:

By Bedford Brown, M.D., Alexandria, Va.

THE TREATMENT OF WHOOPING COUGH:

By J. M. Keating, M.D., Philadelphia.

THE PRESENT STATUS OF ANTISEPTIC SURGERY:

By Prof. Wm. Tod Helmuth, A.M., M.D., New York.

PYOGENIC MEMBRANES—POST-RECTAL ABSCESS:

By Prof. W. W. Dawson, M.D., Cincinnati. (President American Medical Ass'n.)

FISTULA IN ANO:

By Prof. J. M. Mathews, M.D., Louisville.

TREATMENT OF OVARIAN CYSTS BY INCISION AND PERMANENT DRAIN- AGE: By Geo. F. French, A. M., M.D., Minneapolis, Minn.

THE BEST METHODS OF TREATING OPERATIVE WOUNDS:

By Henry O. Marey, A. M., M.D., Ex-President American Academy of Medicine, Boston.

LISTERINE IN SPECIAL PRACTICE:

By Prof. G. Sterling Ryerson, M.D., Toronto.

DIETETIC NOTES.—Suggesting the articles of food to be allowed or prohibited in GOUT, DIABETES, CALCULUS, and other disorders in which Lambert's Lithiated Hydrangea has proven of special service.

▷ LAMBERT PHARMACAL CO., ▷
ST. LOUIS, MO., U.S.A.

The Retail Drug Trade promptly supplied with our products:—

LISTERINE,

LITHIATED HYDRANGEA

ANTISEPTIC—PROPHYLACTIC

KIDNEY ALTERATIVE,

ANTI-LITHIC,

by any Wholesale Druggist of Canada, or from our Canadian Depot at Toronto, by

W. LLOYD WOOD, Agent.

THE STANDARD LIFE ASSURANCE COMPANY.

ESTABLISHED 1823.

HEAD OFFICE :

EDINBURGH, SCOTLAND.

HEAD OFFICE IN CANADA :

STANDARD BUILDINGS, MONTREAL.

Subsisting Assurances. - - - -	\$101,250,000
Invested Funds, over - - - -	34,000,000
Deposit with Government at Ottawa, for benefit of Canadian Policy-Holders. - - - -	1,180,000
Annual Revenue, over - - - -	4,525,000

**Unconditional Policies issued to parties over
25 years of age.**

**Thirteen Months for Revival of Policies of Five
Years' Duration, without Medical Certificate.**

*Claims settled in Montreal, giving this Company the
advantages of a Local Office, with the benefits of an ex-
tended business and connection otherwise.*

W. M. RAMSAY,
Manager.

E. M. RENOUF,
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AND
STATIONER.

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A large variety of every description.

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Dissecting Cases, from \$1.50.

Scalpels, Forceps, by Weiss and other celebrated makers.

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A few copies of the Montreal General Hospital Pharmacopia still on hand, 25 cents.

Information regarding **TEXT BOOKS** and other **MEDICAL** publications will be gladly sent to Physicians and Students on application.

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MUTUAL
LIFE ASSURANCE COMPANY,
of LONDON, ENGLAND.

ESTABLISHED 1847.

Accumulated Fund, over	-	-	-	-	\$ 6,000,000
Annual Income, over	-	-	-	-	\$ 1,500,000
Canadian Investments, over	-	-	-	-	\$ 600,000
Claims and Bonuses paid, over	-	-	-	-	\$ 1,200,000

\$100,000 DEPOSITED WITH THE DOMINION GOVERNMENT

For the Security of Canadian Policy Holders.

Its Canadian Branch is under Canadian management, all its earnings, besides large sums from England, being invested in the country. Full benefits of a Home Institution, with the further security of a British Office.

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No restrictions as to travel or occupation, advantages unsurpassed by any other Life Company.

CLAIMS PAID IMMEDIATELY ON PROOF OF DEATH.

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General Manager.

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London and Lancashire Life.

Head Office for Canada:

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M. M. J. FLANAGAN, Assistant Secretary.

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MANAGER FOR CANADA.



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ALLEGHENY, PA., U. S. A.

TERRACE BANK SANITORIUM for Women is located at No. 170 Ridge Avenue, Allegheny City, Pa., U. S. A. It is a private institution, owned and managed by Dr. R. S. Sutton, whose residence is adjacent. The location of the institution is on high ground, and overlooks the Allegheny, Mononghela and Ohio rivers. It commands a view of the city of Pittsburgh and its picturesque surroundings.

The building is large and built of stone, brick and slate, for the purpose for which it is used. It is provided with fire escape, electric bells and telephone. The rooms are commodious, well lighted, and ventilated and heated. The fuel used in open grates, is natural gas.

The house is provided with a private parlor and reading room for patients. The dining room is large and furnished with small tables securing privacy at meals for those who do not care to have meals served in their own rooms.

Patients can be private and secluded, should they desire it, as in a well appointed hotel.

A competent resident Physician resides in the institution, and none but trained nurses are employed. Churches and Parks are convenient, and the neighborhood is the best the city affords.

TERMS — Room, board, light, fuel, service and nursing, according to location of room and the requirements of the case, from \$15.00 to \$35.00 per week, payable weekly in advance to the Matron.

PROFESSIONAL FEES — A uniform fee of \$15.00 per week is charged every patient, and this fee is payable to the Matron at the end of every second week. Surgical operations are charged for in accordance with the character of the operation, and the ability of the patient to pay.

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OF CANADA.

THOS. WORKMAN,

President.

R. MACAULAY,

Managing Director.

GEO. WILKINS, M.D., M.R.C.S.E.

Chief Medical Officer.



HEAD OFFICE,

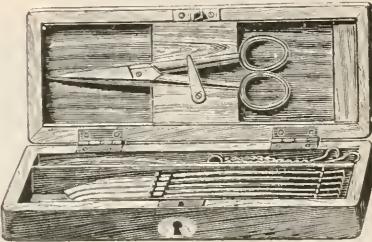
MONTRÉAL.

The rapid progress made by this Company may be seen from the following Statement :—

	INCOME.	ASSETS.	LIFE ASSURANCES IN FORCE.
1872....	\$ 48,210.93....	\$ 546,491.95....	\$1,064,350.00
1876....	102,822.14....	715,644.64....	2,214,093.00
1880....	141,402.81....	911,132.98....	3,881,479.14
1884....	278,379.65....	1,274,397.24....	6,844,404.04
1888 ...	525,273.58....	1,974,316.21....	11,931,316.21

The "SUN" issues Unconditional Life Policies.

CHAPMAN'S



Surgical Supply DEPOT.

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 Sole Agent in Canada for Hazard, Hazard & Co.'s (W. F. Ford's) Surgical Instruments, and Johnson & Lund's Artificial Teeth.

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 2294 St. CATHERINE STREET, Cor. McGill College Ave.
 MONTREAL.

McGILL UNIVERSITY

ANNUAL CALENDAR

FACULTY OF MEDICINE.



57TH SESSION 1889-90.

MONTREAL:

PRINTED FOR THE UNIVERSITY BY THE GAZETTE PRINTING CO.

• 1889.

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CALENDAR, 1889-90.

JULY, 1889.

- 1 Monday
- 2 Tuesday
- 3 Wednesday
- 4 Thursday
- 5 Friday
- 6 Saturday

7 SUNDAY

- 8 Monday
- 9 Tuesday
- 10 Wednesday
- 11 Thursday
- 12 Friday
- 13 Saturday

14 SUNDAY

- 15 Monday
- 16 Tuesday
- 17 Wednesday
- 18 Thursday
- 19 Friday
- 20 Saturday

21 SUNDAY

- 22 Monday
- 23 Tuesday
- 24 Wednesday
- 25 Thursday
- 26 Friday
- 27 Saturday

28 SUNDAY

- 29 Monday
- 30 Tuesday
- 31 Wednesday

Summer Session ends.

Dr. N. Robertson died, 1884.

Malpighi died, 1694.

AUGUST, 1889.

- 1 Thursday
- 2 Friday
- 3 Saturday

4 SUNDAY

- 5 Monday
- 6 Tuesday
- 7 Wednesday
- 8 Thursday
- 9 Friday
- 10 Saturday

11 SUNDAY

- 12 Monday
- 13 Tuesday
- 14 Wednesday
- 15 Thursday
- 16 Friday
- 17 Saturday

18 SUNDAY

- 19 Monday
- 20 Tuesday
- 21 Wednesday
- 22 Thursday
- 23 Friday
- 24 Saturday

25 SUNDAY

- 26 Monday
- 27 Tuesday
- 28 Wednesday
- 29 Thursday
- 30 Friday
- 31 Saturday

Duverney born, 1648.

Lavoisier born, 1743.

Sir A. Cooper born, 1768

Hey born, 1736.

Goethe born, 1749.

SEPTEMBER, 1889.

1 SUNDAY

- 2 Monday
- 3 Tuesday
- 4 Wednesday
- 5 Thursday
- 6 Friday
- 7 Saturday

8 SUNDAY

- 9 Monday
- 10 Tuesday
- 11 Wednesday
- 12 Thursday
- 13 Friday
- 14 Saturday

15 SUNDAY

- 16 Monday
- 17 Tuesday
- 18 Wednesday
- 19 Thursday
- 20 Friday
- 21 Saturday

22 SUNDAY

- 23 Monday
- 24 Tuesday
- 25 Wednesday
- 26 Thursday
- 27 Friday
- 28 Saturday

29 SUNDAY

- 30 Monday

Galvani born, 1737.
Candidates for matriculation of Provincial Medical Board to send fee (\$10) to Dr. Belletau, Quebec. Candidates for their licence to send fee (\$20) and credentials.

Matriculation examinations of C. P. & S. of Quebec (Provincial Board) at Quebec.

Register opens.

Matriculation Exam. begins, High Sc., Peel street.

OCTOBER, 1889.

1 Tuesday

- 2 Wednesday
- 3 Thursday
- 4 Friday
- 5 Saturday

6 SUNDAY

- 7 Monday
- 8 Tuesday
- 9 Wednesday
- 10 Thursday
- 11 Friday
- 12 Saturday

13 SUNDAY

- 14 Monday
- 15 Tuesday
- 16 Wednesday
- 17 Thursday
- 18 Friday
- 19 Saturday

20 SUNDAY

- 21 Monday
- 22 Tuesday
- 23 Wednesday
- 24 Thursday
- 25 Friday
- 26 Saturday

27 SUNDAY

- 28 Monday
- 29 Tuesday
- 30 Wednesday
- 31 Thursday

Session opens.

Jas. McGill born, 1744. Founder's day. McGill Medical Society semi-annual meeting.
Fallopian died, 1562.

Vesalius died, 1564.

Reaumur died, 1757.

Baillie born, 1761

Lectures began in Montreal Medical Institution in 1824.
All Hallows Eve

NOVEMBER, 1889.

1 Friday
2 Saturday

3 SUNDAY

4 Monday
5 Tuesday
6 Wednesday
7 Thursday
8 Friday

9 Saturday

10 SUNDAY

11 Monday
12 Tuesday
13 Wednesday
14 Thursday
15 Friday
16 Saturday

17 SUNDAY

18 Monday
19 Tuesday
20 Wednesday
21 Thursday
22 Friday
23 Saturday

24 SUNDAY

25 Monday
26 Tuesday
27 Wednesday
28 Thursday
29 Friday
30 Saturday

All Saints' Day.

First lectures delivered in
Med. Faculty, 1829.

Bichat born, 1771.

Radcliffe born, 1650.

Christmas Exam. in Botany.

Class Examinations.

James McGill died, 1813.

Lectures close for the term.
Pott died, 1785.

Peyer born, 1653.

Curculio.

Boerhaave born, 1665.

31 Monday
32 Tuesday

JANUARY, 1890.

1 Wednesday

2 Thursday

3 Friday

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5 SUNDAY

6 Monday
7 Tuesday
8 Wednesday
9 Thursday
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11 Saturday

12 SUNDAY

13 Monday
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15 Wednesday
16 Thursday
17 Friday
18 Saturday

19 SUNDAY

20 Monday
21 Tuesday
22 Wednesday
23 Thursday
24 Friday
25 Saturday

26 SUNDAY

27 Monday
28 Tuesday
29 Wednesday
30 Thursday
31 Friday

Lectures resumed in Medical
Faculty. Linacre born, 1460.

Lower born, 1653.

Dr. Wm. Caldwell died, 1833.

Charter granted to Montreal
General Hospital, 1823.

DECEMBER, 1889.

1 SUNDAY

2 Monday
3 Tuesday
4 Wednesday
5 Thursday
6 Friday
7 Saturday

8 SUNDAY

9 Monday
10 Tuesday
11 Wednesday
12 Thursday
13 Friday
14 Saturday

15 SUNDAY

16 Monday
17 Tuesday
18 Wednesday
19 Thursday
20 Friday
21 Saturday

22 SUNDAY

23 Monday
24 Tuesday
25 Wednesday
26 Thursday
27 Friday
28 Saturday

29 SUNDAY

30 Monday
31 Tuesday

Christmas Exam. in Botany.

Class Examinations.

James McGill died, 1813.

Lectures close for the term.
Pott died, 1785.

Peyer born, 1653.

Curculio.

Boerhaave born, 1665.

FEBRUARY, 1890.

1 Saturday

2 SUNDAY

3 Monday
4 Tuesday
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6 Thursday
7 Friday
8 Saturday

9 SUNDAY

10 Monday
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14 Friday
15 Saturday

16 SUNDAY

17 Monday
18 Tuesday
19 Wednesday
20 Thursday
21 Friday
22 Saturday

23 SUNDAY

24 Monday
25 Tuesday
26 Wednesday
27 Thursday
28 Friday

Willis born, 1622.

Prof. Sutherland died, 1875.

John Hunter born, 1728.

Laennec born, 1781.

Assessors of C. P. & S. of the
Province to be notified of
examinations.

Abernethy born, 1697.

Albinus born, 1607.

Morgagni born, 1684.

MARCH, 1890.

1 Saturday

2 SUNDAY

3 Monday

4 Tuesday

5 Wednesday

6 Thursday

7 Friday

8 Saturday

9 SUNDAY

10 Monday

11 Tuesday

12 Wednesday

13 Thursday

14 Friday

15 Saturday

16 SUNDAY

17 Monday

18 Tuesday

19 Wednesday

20 Thursday

21 Friday

22 Saturday

23 SUNDAY

24 Monday

25 Tuesday

26 Wednesday

27 Thursday

28 Friday

29 Saturday

30 SUNDAY

31 Monday

Clinical Examinations.

Lectures close.

Primary and Final
Written Examinations.Primary and Final
Oral Examinations.

Prof. Howard died, 1889.

APRIL, 1890.

1 Tuesday

2 Wednesday

3 Thursday

4 Friday

5 Saturday

6 SUNDAY

7 Monday

8 Tuesday

9 Wednesday

10 Thursday

11 Friday

12 Saturday

13 SUNDAY

14 Monday

15 Tuesday

16 Wednesday

17 Thursday

18 Friday

19 Saturday

20 SUNDAY

21 Monday

22 Tuesday

23 Wednesday

24 Thursday

25 Friday

26 Saturday

27 SUNDAY

28 Monday

29 Tuesday

30 Wednesday

Convocation for Medical
Degrees.

Summer Session begins.

Sydenham born, 1624.

Annual Meet'g McGill Medi-
cal Society.

Petit born, 1760

Orfila born, 1787

Candidates for Matriculation
of Provincial Board to send
fee, \$10, to Dr. F. W. Camp-
bell, Montreal. Candidates
for License to send fee, \$20,
and credentials.**MAY, 1890.**

1 Thursday

2 Friday

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4 SUNDAY

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7 Wednesday

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11 SUNDAY

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13 Tuesday

14 Wednesday

15 Thursday

16 Friday

17 Saturday

18 SUNDAY

19 Monday

20 Tuesday

21 Wednesday

22 Thursday

23 Friday

24 Saturday

25 SUNDAY

26 Monday

27 Tuesday

28 Wednesday

29 Thursday

30 Friday

31 Saturday

Matriculation Examination of
Quebec Medical Board at
Montreal.Semi-annual Meeting of Que-
bec Med. Board at Montreal.
Ed. Jenner born, 1749.
Heberden born, 1710.

Professor Scott died, 1883.

Prof. G. W. Campbell died
1882.**JUNE, 1890.****1 SUNDAY**

2 Monday

3 Tuesday

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5 Thursday

6 Friday

7 Saturday

8 SUNDAY

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14 Saturday

15 SUNDAY

16 Monday

17 Tuesday

18 Wednesday

19 Thursday

20 Friday

21 Saturday

22 SUNDAY

23 Monday

24 Tuesday

25 Wednesday

26 Thursday

27 Friday

28 Saturday

29 SUNDAY

30 Monday

Corner-stone of Montreal Gen-
eral Hospital laid, 1821.

Eustachius died, 1574.

Rolando born, 1773.

Montreal Medical Institution
became Med. Faculty, 1829.
Summer Session closes.

Library.

The Librarian of the Faculty of Medicine has pleasure in acknowledging the following donations to the Library during the year ending 30th April, 1889:—

From the University of Oxford:—

S. J. Sharkey, M.D., F.R.C.P., on Spasm in Chronic Nerve Disease.
Champney's Experimental Researches in Artificial Respiration in Still-born Children.

Haig.—Formation and Excretion of Uric Acid.

" the University of Nebraska:—

Bulletin of the Agricultural Experiment Station of Nebrask. Vol. II.
Swine Plague and its Causes.

" the Montreal Medical Journal:—

Transactions of Academy of Medicine of Ireland. Vol. V.

Transactions of the Association of American Physicians. Vol. III.
Vol. IX.

Index Catalogue of Army Medical Museum Library, Washington.

" the Summer Session Faculty:—

Bryant's Diseases of the Breast.

Johnson's Medical Lectures and Essays.

Bind et Frère.—Animal Magnetism.

Görster's Antiseptic Surgery.

Stimson's Fractures and Dislocations. 2 Vols.

Weir Mitchell's Diseases of the Nervous System.

Von Langenbeck's Vorlesungen über Akiurgie.

Canton's Arcus Senilis. 2 Vols. Author's copy.

The Healing Art. 2 Vols.

Crocker on Diseases of the Skin.

Ball on the Rectum.

Hutchinson's Clinical Illustrations. 2 Vols., fol.

Newman.—Surgical Diseases of the Kidney.

Jesuiti.—Cancer of the Alimentary Tract.

Holmes' Principles of Surgery. Ed. 1889.

Everitt.—Doctors and Doctors.

Stokes on Fever.

" Dr. William Osler, F.R.C.P.:—

Four valuable old works and reports on Vaccination.

Surgical Words of J. Jones, M.D.

" Dr. George Fenwick:—

Excision of the Knee.

" Dr. Girdwood:—

The British Medical Register for 1888.

" Dr. Wilkins:—

Denman's Midwifery. Illustrated.

" Dr. MacDonnell:—

Die Krankheiten der Arbeiten.

" Dr. Shepherd:—

Hyde on Diseases of the Skin.

Humphry's Observations on Myology.

" Dr. J. C. Cameron:—

Transactions of International Medical Congress, 9th session. 5 Vols.

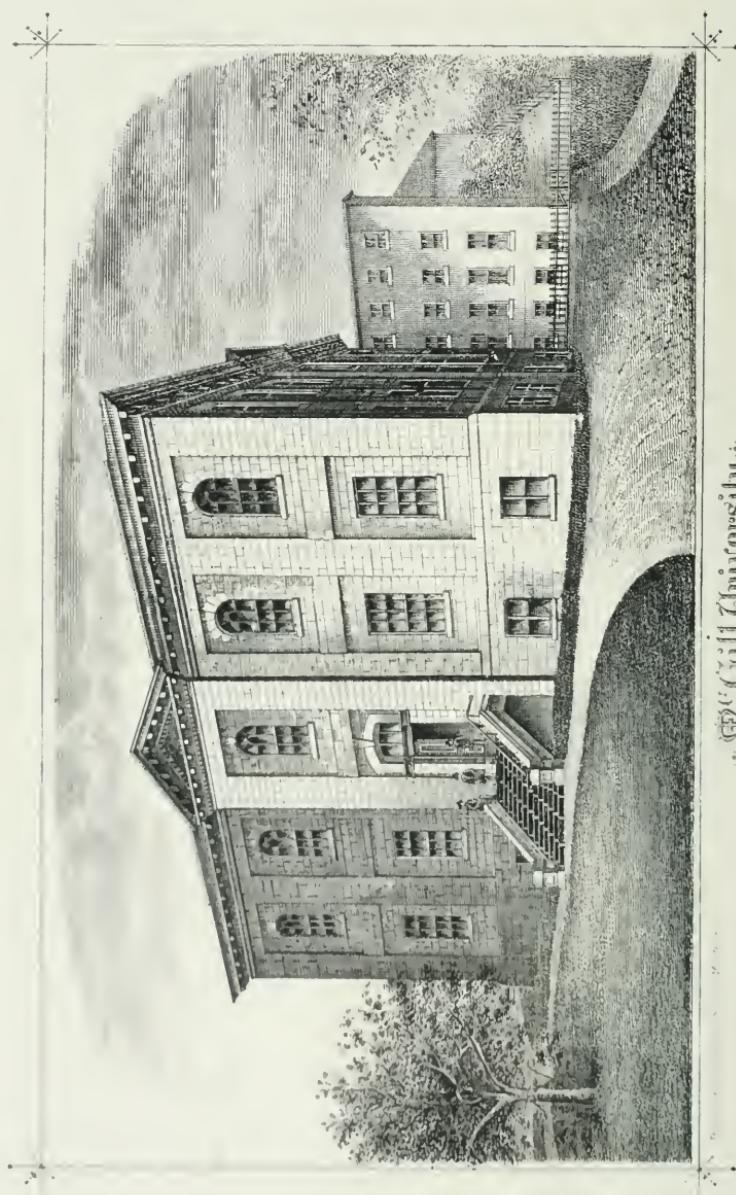
The Epitome. 8 Vols.

Fasciculi of Pathology; VI. N.S.S.

" Dr. J. S. Booth:—

Hutton on the —.

Morton on Lactation.



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Governing Body of the University.

VISITOR:

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OF PRESTON, G.C.B., P.C.,
GOVERNOR GENERAL OF CANADA, &c.

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[*Being the Members of the Royal Institution for the Advancement of Learning*]

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President and Chancellor of the University.

PETER REDPATH, Esq.

JOHN H. R. MOLSON, Esq.

THE HON. SIR ALEXANDER T. GALT, G.C.M.G., LL.D. (Hon. Edin.)

JOHN MOLSON, Esq.

JOSEPH HICKSON, Esq.

THE HON. JOHN J. C. ABBOTT, D.C.L., Q.C.

WILLIAM C. McDONALD, Esq.

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EDWARD B. GREENSHIELDS, Esq., B.

SAMUEL FINLEY, Esq.

THE HON. LEVI RUGGLES CHURCH, M.D.

ANDREW FREDERICK GAULT, Esq.

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REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.

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REV. E. I. REXFORD, B.A., Governors' Fellow.

REV. JOHN JENKINS, D.D., LL.D., Governors' Fellow.

REV. CANON HENDERSON, M.A., D.D., (Dublin), Principal of the Montreal Diocesan Theological College.

REV. GEORGE DOUGLASS, LL.D., Principal of the Montreal Wesleyan Theological College.

J. S. ARCHIBALD, M.A., D.C.L., Elective Fellow, Faculty of Law.

GEORGE ROSS, M.A., M.D., Elective Fellow, Faculty of Medicine.

JOHN S. HALL, B.A., B.C.L., Representative Fellow in Law.

REV. R. W. NORMAN, M.A., D.C.L., Governors' Fellow.

S. P. ROBINS, M.A., LL.D., Principal of McGill Normal School.

FREDERICK W. KELLY, B.A., Ph.D., (Cornell), Representative Fellow in Arts.

REV. JAMES BARCLAY, M.A., (Glasgow), Governors' Fellow.

ROBERT CRAIK, M.D., Dean of Faculty of Medicine.

A. W. BANNISTER, M.A., (Victoria), Principal of St. Francis College.

THOMAS A. ROGER, M.D., Representative Fellow in Medicine.

JEFFREY H. BURLAND, B.A.Sc., Representative Fellow in Applied Science.

MATTHEW HUTCHINSON, B.C.L., Representative Fellow in Law.

WILFRID T. SKAIFE, B.A.Sc., Representative Fellow in Applied Science.

REV. WILLIAM M. BARBOUR, D.D., (Yale, U.S.), Principal of the Congregational College of British North America.

N. W. TRENHOLME, M.A., D.C.L., Dean of the Faculty of Law.

WESLEY MILLS, M.A., M.D., Representative Fellow in Medicine.

(The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.)

OFFICE OF SECRETARY, REGISTRAR AND BURSAR :

[*And Secretary of the Royal Institution.*]

JAMES W. BRACKENRIDGE, B.C.L., Acting Secretary; Office, East Wing McGill College; Residence, 117 Shuter Street.

SAMUEL R. BURRELL, Clerk, 171 Jacques Cartier Street.
Office hours, 9 to 5.

General Statement.

SESSION OF 1889-90.

The Fifty-seventh Session of the University, being the Thirty-sixth under the amended Charter, will commence in the Autumn of 1889.

By Virtue of the Royal Charter, granted in 1821, and amended in 1852, the Governors, Principal and Fellows of McGill College constitute the Corporation of the University; and, under the Statutes framed by the Board of Governors, with the approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties, in McGill College, and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational; and while all possible attention will be given to the character and conduct of students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the affiliated Colleges and Schools.

I.—MCGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each; and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew. The course of study is, with few exceptions, the same for all students in the first two years; but in the third and fourth years extensive options are allowed, more especially in favour of the Honour Courses in Classics, Mathematics, Mental and Moral Science, Natural Science, English Literature and Modern Languages. Certain exemptions are allowed to professional students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE DONALDIA SPECIAL COURSE IN ARTS provides for the education of women, in separate classes, with course of study, exemptions and honours similar to those for men.

THE FACULTY OF APPLIED SCIENCE provides a thorough professional training, extending over three or four years, in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering, and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and one Summer Session of three months in the third Academic Year, and leads to the Degrees of M.D., C.M.

THE FACULTY OF LAW.—The complete course in Law extends over three Sessions of six months each, and leads to the Degrees of B.C.L. and D.C.L.*

II.—AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

MORRIN COLLEGE, *Quebec*.—Is affiliated in so far as regards Degrees in Arts and Law. (Detailed information may be obtained from Rev. John Cook, D.D., Principal.)

ST. FRANCIS COLLEGE, *Richmond*.—Is affiliated in so far as regards the Intermediate Examinations in Arts. (Detailed information may be obtained from Principal Bannister, B.A., Richmond, P.Q.)

III.—AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on, and a number of Free Tuitions are granted by the Board of Governors to the Students of these Colleges when matriculated in Arts.

THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, *Montreal*.
REV. WILLIAM M. BARBOUR, D.D., 58 McTavish St.

THE PRESBYTERIAN COLLEGE, MONTREAL, in connection with the Presbyterian Church in Canada. Principal, REV. H. MACVICAR, D.D., LL.D., 69 McTavish St.

THE DIOCESAN COLLEGE OF MONTREAL. Principal, REV. CANON HENDERSON M.A., D.D., 896 Dorchester St.

THE WESLEYAN COLLEGE OF MONTREAL. Principal, REV. GEORGE DOUGLASS, LL.D., 228 University St.

[Calendars of the above Colleges and all necessary information may be obtained on application to their Principals.]

IV.—MCGILL NORMAL SCHOOL.

THE MCGILL NORMAL SCHOOL provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas, and may, on conditions stated in the announcement of the School, enter the classes in the Faculty of Arts for Academy Diplomas and for the Degree of B.A. Principal, S. P. ROHINS, LL.D., 30 Belmont St., Montreal.

* The complete Calendar, with information respecting all the Faculties, &c., may be obtained of J. W. Brackenridge, Esq., McGill College.

V.—AFFILIATED HIGH SCHOOLS, ETC.

The Trafalgar Institute for the higher education of women, Simpson St., Montreal ; Principal, Miss Grace Fairley. The High School of Montreal, Metcalfe St. ; Principal, H. Aspinwall Howe, LL.D. The Girls' High School of Montreal, Metcalfe St. ; Lady Principal, Mrs. H. H. Fuller. Prince of Wales' College, Charlottetown, P.E.I. ; Bishop's College School, Lennoxville ; St. Francis College School ; Miss Symmers and Smith's School, Montreal ; Eliot School, Montreal ; Girls' High School, St. John, N.B. ; Clarenceville Academy ; Coaticook Academy ; Cowansville Academy ; Dunham Academy ; Gould Model School ; Huntingdon Academy ; Inverness Academy ; Knowlton Academy ; Lachute Academy ; Quebec High School ; Quebec Girls' High School ; Shawville Academy ; Sherbrooke Boys' Academy ; Sherbrooke Girls' Academy ; Stanstead Wesleyan College ; St. John's High School ; Sutton Academy ; Three Rivers Academy ; Waterloo Academy ; Waterville Academy.

Faculty of Medicine.

SIR WILLIAM DAWSON, C.M.G., LL.D., F.R.S., Principal and Professor of Natural History.

ROBERT CRAIK, M.D., Dean of the Faculty and Professor of Hygiene and Public Health.

EMERITUS PROFESSORS.

WILLIAM WRIGHT, M.D., *Materia Medica*, 84 St. Famille Street.

DUNCAN C. MACCALLUM, M.D., *Midwifery*, 45 Union Avenue.

PROFESSORS.

G. E. FENWICK, M.D., Professor of Surgery, 2356 St. Catherine Street.

G. P. GIRDWOOD, M.D., Professor of Chemistry, 54 Beaver Hall Hill.

GEORGE ROSS, M.A., M.D., Professor of Medicine, 49 Union Avenue.

THOMAS G. RODDICK, M.D., Professor of Clinical Surgery, 80 Union Avenue.

WILLIAM GARDNER, M.D., Professor of Gynaecology, 109 Union Avenue.

FRANCIS J. SHEPHERD, M.D., Professor of Anatomy and Librarian of the Faculty, 152 Mansfield Street.

FRANK BULLER, M.D., Professor of Ophthalmology and Otology, 838 Dorchester Street.

AMES STEWART, M.D., Professor of Pharmacology and Therapeutics, and Registrar of the Faculty, 939 Dorchester Street.

GEORGE WILKINS, M.D., Professor of Medical Jurisprudence, and Lecturer on Histology, 898 Dorchester Street.

D. P. PENHALLOW, B.Sc., Professor of Botany.

R. L. MACDONNELL, B.A., M.D., Professor of Clinical Medicine, 117 Metcalfe Street.

WISLEY MILLS, M.A., M.D., Professor of Physiology, McGill College.

JAMES C. CAMERON, M.D., Professor of Midwifery and Diseases of Infancy 941 Dorchester Street.

DEMONSTRATORS, INSTRUCTORS, &c.

R. F. RUTTAN, B.A., M.D., Lecturer on Chemistry, McGill College.

WILLIAM R. SUTHIERTON, M.D., Assistant Demonstrator of Anatomy, and Curator of the Museum, 764 Sherbrooke Street.

GEORGE W. MAJOR, B.A., M.D., Instructor in Laryngology, 82 Union Avenue.

ALEX. D. BLACKADER, B.A., M.D., Instructor in Diseases of Children, 70 Beaver Hall Hill.

WYATT G. JOHNSTON, M.D., Demonstrator of Pathology, McGill College.

JAMES BELL, M.D., Assistant to the Chair of Clinical Surgery, 53 Union Avenue.

T. JOHNSTON ALLOWAY, M.D., Instructor in Gynaecology, 23 Mackay Street.

F. G. FINLEY, M.D., Assistant Demonstrator of Anatomy, 801 Dorchester St.

BENEFACATORS OF THE

Faculty of Medicine.

I.—LEANCHOIL ENDOWMENT.

Sir Donald A. Smith, K.C.M.G.	\$50,000
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II.—CAMPBELL MEMORIAL ENDOWMENT.—\$63,000

Established to commemorate the services rendered to the Faculty during forty years by the late Dean, George W. Campbell, M.D., LL.D.

Mrs. G. W. Campbell.....	\$2,000	John Rankin, Esq.....	\$500
H. A. Allan.....	1,500	Cantlie, Ewan & Co.....	500
Sir D. A. Smith.....	1,500	Robt. Reford	500
Sir George Stephen, Bart.....	1,000	J. & W. Ogilvie.....	500
R. B. Angus, Esq.....	1,000	Randolph Hersey, Esq.....	500
George A. Drummond, Esq.	1,000	John A. Pillow, Esq.....	500
Alex. Murray, Esq.....	1,000	S. Carsley, Esq.....	500
Robert Moat, Esq.....	1,000	D. C. MacCallum, M.D.....	500
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A Friend.....	1,000	S. Greenshields, Son & Co....	500
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A. F. Gault, Esq.....	1,000	F.R.C.V.S.....	500
M. H. Gault, Esq.....	1,000	Geo. Ross, M.D.....	500
G. W. Stephens, Esq.....	1,000	T. G. Roddie, M.D.....	500
James Benning, Esq.....	1,000	Wm. Gardner, M.D.....	500
R. P. Howard, M.D.....	1,000	G. P. Girdwood, M.D.....	500
Frank Buller, M.D.....	1,000	G. E. Fenwick, M.D.....	500
G. B. & J. H. Burland, Esq.s.	1,000	Alex. Ramsay, Esq.....	500
Miss Elizabeth C. Benny.....	1,000	Cochrane, Cassils & Co.....	500
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Mrs. John Redpath.....	1,000	Allan Gilmour (Ottawa).....	500
Hon. John Hamilton.....	1,000	R. W. Shepherd, Esq.....	500
Miss Orkney.....	1,000	Miles Williams, Esq.....	300
Hugh McKay, Esq.....	1,000	Chas. F. Smithers, Esq.....	250
Hector McKenzie, Esq.....	1,000	John Kerry, Esq.....	250
Thomas Workman, Esq.....	1,000	A. Baumgarten, Esq.....	250
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James Burnett, Esq.....	500	Geo. Armstrong, Esq.....	250
Andrew Robertson, Esq.....	500	J. M. Douglas, Esq.....	250
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John Hope, Esq.....	500	William Crysler, M.D.....	250
Alex. Urquhart, Esq.....	500	F. J. Shepherd, M.D.....	250
E. K. & G. A. Greene, Esq.s.	500	Benj. Dawson, Esq.....	200
R. A. Smith, Esq.....	500	R. Wolff, Esq.....	150
George Hague, Esq.....	500	James Stewart, M.D.....	150
J. K. Ward, Esq.....	500	Mrs. Cuthbert (New Rich- mond, Q.).....	100
Warden King, Esq.....	500	J. M. Drake, M.D.....	100
John Stirling, Esq.....	500		

H. W. Thornton, M.D. (New Richmond, Q.).....	\$ 100	T. J. Alloway, M.D.....	\$ 25
A. T. Paterson, Esq.....	100	R. F. Rinfret (Quebec).....	20
M. E. David, Esq.....	100	Robert Howard, M.D. (St. Johns).....	20
C. B. Hanvey, M.D. (Yale, B. C.).....	100	Dr. J. & D. J. McIntosh (Vankleek Hill).....	20
D. Cluness, M.D. (Nanaimo, B.C.).....	100	J. E. Brouse, M.D. (Prescott).....	20
W. Kinlock, Esq.....	100	J. H. McBean, M.D.....	15
Hua & Richardson.....	100	J. C. Rattray, M.D. (Cobden, O.).....	10
Hugh Paton, Esq.....	100	J. H. Howard, M.D. (Lachine).....	10
R. T. Godfrey, M.D.....	100	J. W. Oliver, M.D. (Clifton, O.).....	10
T. A. Rodger, M.D.....	100	D. A. McDougall, M.D. (Ottawa, O.).....	10
W. A. Dyer, Esq.....	100	A. Pousette, M.D. (Sarnia, O.).....	10
Geo. Wood, M.D. (Fairbault, Min.).....	100	A. Ruttan, M.D. (Napanee, O.).....	10
A. A. Browne, M.D.....	100	James Gun, M.D. (Durham, O.).....	10
George Wilkins, M.D.....	100	J. McDiarmid, M.D. (Hensall, O.).....	5
R. L. MacDonnell, M.D.....	100	W. J. Derby, M.D. (Rockland, O.).....	5
Joseph Workman, M.D. (Toronto).....	50	J. Gillies, M.D. (Teeswater, O.).....	5
Sir A. T. Galt.....	50	J. B. Benson, M.D. (Chatham, N.B.).....	5
Henry Lunam, B.A., M.D. (Campbellton, N.B.).....	50	L. A. Fortier, M.D. (St. David, Q.).....	5
Griffith Evans, M.D. (Vet. Department, Army).....	25	J. A. McArthur, M.D. (Fort Elgin, O.).....	5
J. J. Farley, M.D. (Belleville).....	25	John Campbell, M.D. (Seaforth, O.).....	5
Henry R. Gray, Esq.....	25		
Louis T. Marceau, M.D. (Naperville, Q.).....	25		
R. J. B. Howard, M.D.....	25		

III.—CAMERON OBSTETRICAL ENDOWMENT.

Dr. J. C. Cameron.....	\$10,000
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McGill University.—Faculty of Medicine.

TIME TABLE—FIRST AND SECOND YEARS, 1888-89.

A. M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9	Anatomy Examination.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Practical Physiology, 2nd Year.
10	Practical Chemistry, 2nd Year till 12 o'clock.	Practical Chemistry, 2nd Year, Botany, 1st Year.	Practical Chemistry, 2nd Year, Histology Lecture, 1st Year.	Practical Chemistry, Botany, 1st Year.	Practical Chemistry, 2nd Year.	Practical Chemistry, Practical Physiology, Histology Demonstration.
11	Out-Patients, Montreal Gen'l Hospital	Out-Patients, Montreal Gen'l Hospital	Out-Patients, Montreal Gen'l Hospital	Out-Patients, Montreal Gen'l Hospital	Out-Patients, Montreal Gen'l Hospital	Out-Patients, Montreal Gen'l Hospital.
1 P. M.	Physiology Examination, 2nd Year.	Physiology, 2nd Year.	Physiology, 2nd Year.	Physiology, 1st Year.	Physiology, 1st Year.	Physiology, 1st & 2nd Year.
2	Chemistry Examination.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry.
3	Therapeutics Examination.	Therapeutics.	Therapeutics.	Therapeutics.	Therapeutics.	Therapeutics, Physiology, 1st Year.
4	Therapeutics Physiology, 1st Year.	Practical Histology.	Practical Anatomy.	Practical Anatomy.	Practical Histology.	Practical Anatomy.
4 to 6						
10 to 12 A.M.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.

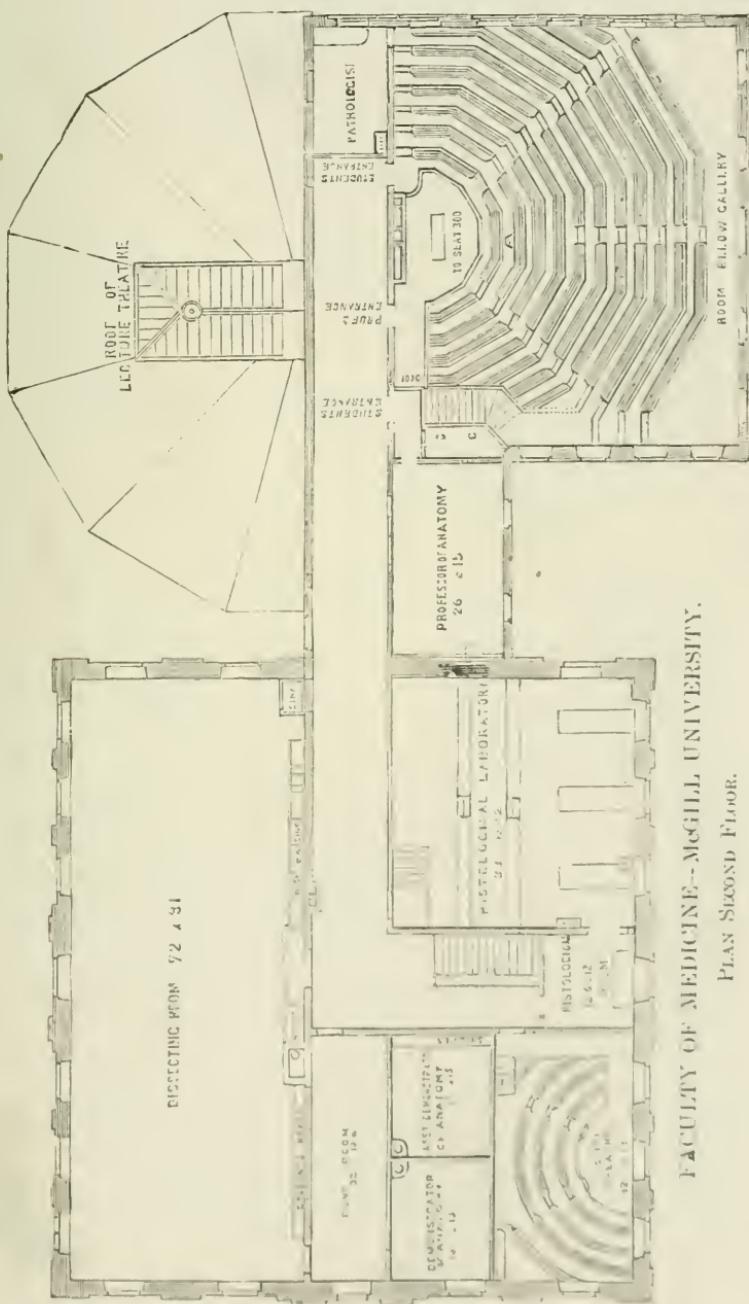
N. B.—The Demonstrators' Hours in the Dissecting Room are from 10-12 a.m., and from 8-10 p.m. • Until Christmas only.

McGill University.—Faculty of Medicine.

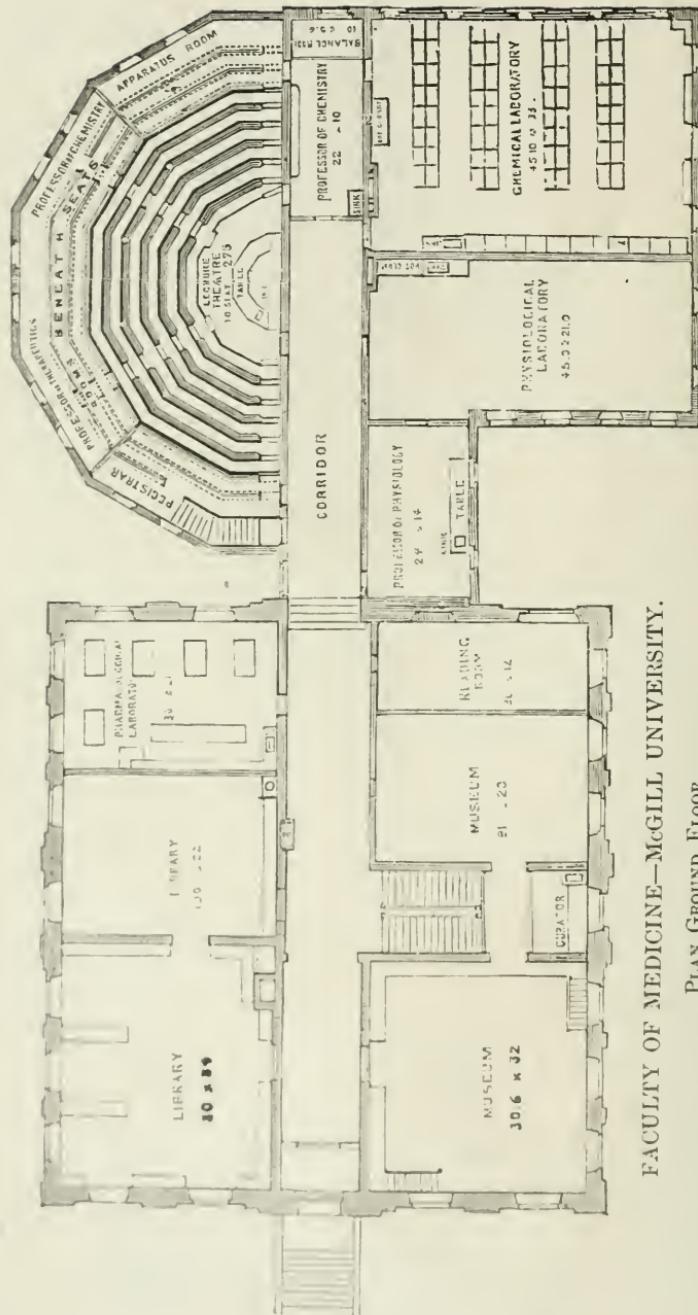
TIME TABLE—THIRD AND FOURTH YEARS, 1889-90.

A. M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
1	Midwifery.	Midwifery.	Gynaecology.	Midwifery.	Gynaecology.	
1	Surgery, Examination	Surgery.	Surgery.	Surgery.	Surgery.	Morbid Anatomy Demonstrations.
1	Practice of Medicine, Examination.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	Practice of Medicine.	
2						
2 30	Ophthalmic Clinic.	Clinic on Diseases of Children.	Ophthalmic Clinic.	Clinical Therapeutics, at the Hospital,	Skin Clinic.	Ophthalmic Clinic, Clinic on Diseases of Children.
4	Therapeutics Examination.	Therapeutics.	Clinical Therapeutics, at the Hospital,	Therapeutics, Therapeutics,	Therapeutics,	Therapeutics,
3	Gynaecological Clinic.	General Pathology.		Lecture on Ophthalmology.	Gynaecological Clinic.	Gynaecological Clinic.
5-6	Medical Jurisprudence.		Medical Jurisprudence, Midwifery, 3rd Year only.	Medical Jurisprudence, Midwifery.	Medical Jurisprudence.	

Autopsies are performed at the General Hospital between 12 a.



FACULTY OF MEDICINE - MCGILL UNIVERSITY.
PLAN SECOND FLOOR.



FACULTY OF MEDICINE—MCGILL UNIVERSITY.

Faculty of Medicine.

THE PRINCIPAL (ex officio), SIR WM. DAWSON.

Professors:

WRIGHT,	ROSS,	WILKINS,
MACCALLUM,	RODDICK,	PENHALLOW,
CRAIK,	GARDNER,	MACDONNELL,
FENWICK,	SHEPHERD,	MILLS,
GIRDWOOD,	BULLER,	CAMERON,
	STEWART.	

Dean.—ROBERT CRAIK, M.D.

Vice-Dean.—GEO. ROSS, M.D.

Registrar.—J. STEWART, M.D.

Librarian.—F. J. SHEPHERD, M.D.

The Fifty-seventh Session of the Faculty will be opened on Tuesday, October 1st, 1889, by an introductory lecture at 3 p.m. The regular lectures will begin on October 2nd, at the hours specified in the time table, and will be continued for six months.

The Medical School of McGill University was founded in 1824 as the "Medical Institution" by Drs. John Stephenson, Andrew F. Holmes, William Robertson and William Caldwell. In 1829 the Medical Institution became the Medical Faculty of McGill College. There were no Sessions during the political troubles from 1836 to 1839, and it is owing to this gap that the present is the fifty-seventh Session of the Faculty. In reality this is the sixty-first Session of the School, which is the direct continuation of the Medical Institution.

The new building of the Medical Faculty, which was opened in the year 1885, is one of the most complete structures of its kind on this continent or elsewhere. It has been found admirably adapted for the fulfilment of the great aim of the Faculty—to make the teaching of the primary branches as practical and as thorough as possible. The facilities now possessed by the Faculty for the above purpose are equal to those of the most advanced European medical schools.

Through the great liberality of Sir Donald A. Smith in founding the "Leanchoil Endowment," and of the citizens of Montreal and Medical Graduates in subscribing to the "Campbell Memorial Fund," the Faculty are enabled to conduct and maintain the teaching of the different branches in a high state of efficiency.

Laboratories, &c.

In addition to the laboratories and dissecting room, there are two large lecture rooms, each capable of comfortably seating 300 students, and one small demonstration room for classes of 50 and under. The space allotted to the library and museum has been largely increased. A large reading room, with waiting and cloak rooms, have been provided for students.

Dissecting Room.

The Dissecting Room, which is situated on the second floor, is 76 feet in length and 31 feet in breadth. It is furnished with twenty tables, and is well lighted for work during the day and night. In procuring appliances for the comfort and convenience of the students, no reasonable expense has been spared.

In connection with the dissecting room, there is a "Bone room," where students have an excellent opportunity of studying osteology. There are also two distinct rooms for the demonstrators of anatomy.

Physiological Laboratory.

The Physiological Laboratory, which is situated on the ground floor, is supplied with the most modern apparatus for the practical teaching of this most important branch of the medical curriculum. It contains amongst other valuable instruments : kymographs, various manometers, &c., for demonstrating blood pressure; myographs, rheocards, moist chambers, &c., and various electrical appliances for demonstrating experiments in connection with nerve and muscle; special apparatus for illustrating various points in respiration; apparatus specially suitable for demonstrating the processes of digestion, as well as the chemical composition and nature of the secretions, and the chief constituents of the tissues and nutritive fluids. The laboratory is arranged in such a way as to permit of students assisting at, and taking part in, these demonstrations. During the past session important additions have been made to the apparatus of the physiological laboratory.

Histological Laboratory.

The Histological Laboratory is a large, well lighted room on the second floor. It is so arranged that over eighty students can be present at the microscopical demonstrations. For this purpose it is supplied with thirty-five microscopes, all from the well-known makers, Zeiss, Hartnack and Leitz. From the large number of microscopes employed, students will have special facilities in studying and making themselves thoroughly acquainted with the specimens that are the subjects of demonstration.

Pharmacological Laboratory.

The Pharmacological Laboratory is a large room situated on the ground floor, and is now furnished with the necessary appliances for the practical teaching of pharmacy. It is hoped that before another session passes away, the apparatus necessary for the demonstration of the more important actions of many drugs will be in possession of the Faculty.

Chemical Laboratory.

The Chemical Laboratory is large, lofty, and well lighted, and can accommodate comfortably 76 men at one time. Each student, when entering on this course, has a numbered table in the laboratory assigned to him for his use during the session. Each table has its own gas and water fixtures, and is provided with shelves for its corresponding set of reagent-bottles, as well as a drawer and locker containing a modern set of chemical apparatus especially adapted for the work. This apparatus is provided by the Professor of Chemistry, and supplied to each student without extra charge. The student is only required to pay for apparatus broken or destroyed.

The laboratory is furnished with a large draught closet for ventilation, sulphuretted hydrogen apparatus, gas and combustion furnaces, &c., giving to the student unsurpassed advantages for acquiring a sound and practical knowledge of medical chemistry.

Pathological Laboratory.

In the Pathological Laboratory accommodation will be provided for students or practitioners who desire to carry on private pathological research.

The recent additions made to the laboratory include a suite of rooms exclusively devoted to the study and culture of Bacteria, furnished with a complete outfit of the best modern apparatus for this purpose, including sterilizer, thermostat, &c., &c.

The demonstrations in Morbid Anatomy will be given in a small laboratory specially arranged for the work.

The classes in Pathological Histology will be held in the Histological Laboratory.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and Licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario. The degree in Medicine of this University carries with it at the Licensing Boards of Great Britain the same exemptions in certain subjects as are granted to all colonial degrees.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

I.

MATRICULATION.

It is very important that intending Students should bear in mind the following :—

(1.) *If residents of Ontario, and desirous of obtaining the license of that Province, they must conform to the regulations regarding the Preliminary Examination, and register before beginning their medical studies.* (See page 26.)

(2.) *If residents of the Province of Quebec, and desirous of obtaining the license of that Province, they must pass the Matriculation Examination of the Quebec Medical Board before beginning their medical studies.* (See page 25.)

In the event of a resident in the Province of Quebec producing a Certificate of Matriculation from any of the other Provinces of the Dominion he will be required to make a declaration that he had not obtained it with the object of avoiding the examination of the Quebec Medical Board.

(3.) *Residents of the Maritime Provinces, Manitoba, or British Columbia may either pass the Preliminary Examination of their respective Medical Boards or the Matriculation Examination of this University.*

(A).—UNIVERSITY MATRICULATION EXAMINATION.

The Preliminary Examinations in General Education of the following Bodies is accepted by the University in lieu of its own Matriculation Examination :—

1. The College of Physicians and Surgeons, Ontario.
2. The College of Physicians and Surgeons, Quebec.
3. The New Brunswick Medical Board.
4. The Nova Scotia Medical Board.
5. The Manitoba Medical College.

Graduates and Matriculates in Arts of all recognized Universities are exempt from matriculation. Any student who is unable to present proof of having passed any one of the above or other equally satisfactory examination, will be required to undergo the matriculation examination either in Arts or Medicine of this University.

The matriculation in Arts is held twice yearly : on the 1st of June and following days, and on the 16th of September and following days.

The subjects for examination are Classics, Mathematics and English.

Greek.—Xenophon. *Anabasis*, Book I.; *Greek Grammar*.

Latin.—*Cæsar*. *Bell. Gall.* Book I.; and *Virgil*, *Æneid*, Book I. lines 1-300; *Latin Grammar*.

Mathematics.—*Arithmetic*; *Algebra*, to simple equations (inclusive); *Euclid's Elements*, Books I., II., III.

English.—*Writing from Dictation*. A paper on *English Grammar, including Analysis*. A paper on the leading events of English history. Essay on a subject to be given at the time of the examination.

An equivalent amount of other books or other authors in Latin or Greek than those named may be accepted by the Examiners, on application made through the Professor of Classics.

The Medical Matriculation Examination is the same as that required by the Medical Council of Great Britain.

Examinations in conformity therewith will be held on the last Friday and Saturday in March and the last Friday and Saturday in September of each year. Applications may be made to Dr. Howe, the Examiner till the evening of the previous day. The requirements of the standard for Matriculation are:—(1) English Language, including Grammar and Composition.* (2) English History. (3) Modern Geography. (4) Latin, including Translation from the original and Grammar. (5) Elements of Mathematics, comprising (a) Arithmetic, including Vulgar and Decimal Fractions; (b) Algebra, including simple Equations; (c) Geometry, including the first two books of Euclid or the subjects thereof. (6) Elementary Mechanics of Solids and Fluids, comprising the elements of Statics, Dynamics and Hydrostatics. (7) One of the following optional subjects:—(a) Greek, (b) French, (c) German, (d) Italian, (e) any other modern language, (f) Logic, (g) Botany, (h) Elementary Chemistry.

* The ability of the candidate will be fully tested in the following ;—“(1) To write sentences in English on a given theme, attention being given to spelling and punctuation as well as to composition; (2) to write correctly from dictation; (3) to explain the grammatical construction of sentences; (4) to point out the grammatical errors in sentences ungrammatically composed, and to explain their nature; and (5) to give the derivation and definition of English words in common use.”

TEXT-BOOKS—Latin: Cicero, in Catalinam I.; or Virgil, *Æneid*, Bk. I.

GREEK.—Xenophon, *Anabasis*, Bk. I., or Homer's *Iliad*, Bk. IV.

FRENCH.—Voltaire's *Charles XII.*, Books I. and II.

NATURAL PHILOSOPHY.—Ganot's *Physics*, Books I., II. and III.

BOTANY.—Gray's "How Plants Grow."

ELEMENTARY CHEMISTRY.—Storer and Elliott's *Manual*.

(B).—**MATRICULATION EXAMINATION**

OF THE

COLLEGE OF PHYSICIANS AND SURGEONS OF QUEBEC.

LATIN.—Cæsar's *Commentaries*, Bks. I., II., III., IV., V.—Virgil's *Æneid*, Bks. I. and II.—The *Odes of Horace*, Bk. III.

ENGLISH.—Sprague's "Six Selections from Washington Irving's Sketch Book."—A play of Shakespeare, viz., "Coriolanus" for 1889, and "Richard III." for 1890.

FRENCH.—Fénélon's "Aventures de Télémaque."—A French play, viz., Molière, "Le Bourgeois Gentilhomme" and La Fontaine's "Fables," Books I., II., III., for 1889 and 1890.

BELLES LETTRES AND RHETORIC.—Principles of the subject. History of the Literature of the age of Pericles in Greece, of Augustus in Rome, of Elizabeth in England, Louis XIV. in France, and of the 17th and 18th centuries of both countries.

HISTORY.—Outlines of the History of Greece and Rome, with particular knowledge of England, France and Canada.

GEOGRAPHY.—A general view, with particular knowledge of England, France and North America.

ARITHMETIC.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages, and Square Root.

ALGEBRA.—Must include Fractions and Simultaneous Equations of the First Degree.

GEOMETRY.—Euclid, Books I., II., III., IV. and VI., or the portion of Plane Geometry covered by those Books. Also the measurement of the lines, surfaces and volumes, of regular geometrical figures.

OPTIONAL SUBJECTS.

GREEK.—Xenophon's *Anabasis*, Book I.—Homer's *Iliad*, Book I.

PHYSICS.—Outlines of the subject, as in Ganot's *Physics*, translated by Atkinson.

PHILOSOPHY.—Elements of Logic and of Moral Philosophy, as in Jevon's *Logic* and Calderwood's *Hand-book of Moral Philosophy*.

The Examinations will be held upon the 19th of September, 1889, at Quebec, and on the 4th of May, 1890, at Montreal. Applications to be made to Dr. F. W. Campbell, Montreal, or Dr. Belleau, Quebec, either of whom will furnish schedule giving text books and percentage of marks to be obtained.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half of the fee will be returned.

Of the four years' study *after* having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board." The first session must be attended during the year immediately succeeding the Matriculation Examination, and the final session must be in the fourth year.

(c).—MATRICULATION EXAMINATION

OF THE

COLLEGE OF PHYSICIANS AND SURGEONS OF ONTARIO.

On and after July 1st, 1888, every one desirous of being registered as a Matriculated Medical Student in the Register of this College, except as hereinafter provided, must present to the Registrar, Dr. Pyne, Toronto, the official certificate of having passed the 2nd class Teachers' examination with Latin option; whereupon he shall be entitled to be so registered upon the payment of twenty dollars and giving proof of his identity.

Graduates in Arts, or Students having matriculated in Arts in any University in Her Majesty's Dominions are not required to pass the Matriculation Examination, but may register their names with the Registrar of the College, upon giving satisfactory evidence of their qualifications and upon paying the fee of twenty dollars.

II.

ENREGISTRATION.

The following are the University Regulations:—

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty.

The said Register shall be closed on the last day of October in each year. Fees are payable to the Registrar, and must be paid in advance (except under special circumstances) at the time of enregistration.

Enregistration in the Summer Session is compulsory upon all Students, whether attending one or more of the classes.

III.

COURSES OF LECTURES.

ANATOMY.

(DESCRIPTIVE AND PRACTICAL).

PROFESSOR FRANCIS J. SHEPHERD.

JOHN STEPHENSON, 1824.

WILLIAM E. SCOTT, 1856.

OLIVER T. BRUNEAU, 1842.

FRANCIS J. SHEPHERD, 1883.

Anatomy is taught in the most practical manner possible, and its relation to Medicine and Surgery fully considered. The lectures are illustrated by the fresh subject, moist and dry preparations, sections, models and plates, and drawings on the blackboard.

The department of *Practical Anatomy* is under the direct control and personal supervision of the Professor of Anatomy, assisted by his staff of Demonstrators.

The methods of teaching are similar to those of the best European schools, and Students are thoroughly grounded in this branch.

Every Student must be examined *at least* three times in each part dissected, and no certificate is given unless the examinations are satisfactory.

Special Demonstrations on the Brain, Thorax, Abdomen, Bones, &c., are frequently given. Prizes are awarded at the end of the Session for the best examination on the fresh subject.

The Dissecting Room is open from 8 a.m. to 10 p.m. Abundance of material provided.

CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

ANDREW F. HOLMES, 1824.

WILLIAM SUTHERLAND, 1849.

ARCHIBALD HALL, 1842.

ROBERT CRAIK, 1867.

GILBERT P. GIRDWOOD, 1879.

Inorganic Chemistry is fully treated; a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration abundant apparatus is possessed by the College.

The Chemical Laboratory will be open to members of the class to repeat experiments performed during the course, under the superintendence of the Professor or Lecturer.

PRACTICAL CHEMISTRY.

PROFESSOR GILBERT P. GIRDWOOD.

LECTURER, R. F. RUTTAN.

The course in practical chemistry includes two hours' laboratory work three times a week for three months. The Students are instructed individually in chemical manipulations, blow-pipe analysis, and qualitative determination of the salts, acids, &c., they will require to use in practice. They are required before finishing their course to be familiar with the principles of practical Forensic and Sanitary Chemistry. Special attention is directed to instructing the Student

in making accurate notes of his experiments and his conclusions. These notes are examined daily and criticised.

PHYSIOLOGY.

PROFESSOR WESLEY MILLS.

JOHN STEPHENSON, 1824.

WILLIAM FRASER, 1849.

STEPHEN C. SEWELL, 1842.

JOSEPH M. DRAKE, 1872.

ROBERT L. MACDONNELL, 1845.

WILLIAM OSLER, 1874.

WESLEY MILLS, 1886.

The purpose of this Course is to make Students thoroughly acquainted, as far as time permits, with modern Physiology: its methods, its deductions, and the basis on which the latter rest. Accordingly a full course of lectures is given, in which both the Experimental and Chemical departments of the subject receive attention.

In addition to the use of diagrams, plates, models, &c., every department of the subject is experimentally illustrated. The experiments are free from elaborate *technique*, and many of them are of a kind susceptible of ready imitation by the Student.

Laboratory work for Senior Students:—

(1.) During the first part of the Session there will be a course on Physiological Chemistry, in which the Student will, under direction, investigate food stuffs, digestive action, blood, and the more important secretions and excretions, including urine. All the apparatus and material for this course will be provided.

(2.) The remainder of the Session will be devoted to the performance of such experiments as are unsuitable for demonstration to a large class in the lecture room, and such as require the use of elaborate methods, apparatus, &c.

HISTOLOGY.

PROFESSOR GEO. WILKINS.

This will consist of a course of ten lectures and twenty-five weekly demonstrations with the Microscope, besides a short course in the preparation and mounting of specimens. As the demonstrations will

be chiefly relied upon for teaching the Microscopic Anatomy of the various structures, the specimens under observation will then be minutely described. Plates and diagrams specially prepared for these lectures will be freely made use of.

PHARMACOLOGY AND THERAPEUTICS.

PROFESSOR JAMES STEWART.

ANDREW F. HOLMES, 1824.

A. HALL, 1849.

ARCHIBALD HALL, 1835.

WILLIAM WRIGHT, 1854.

STEPHEN C. SEWELL, 1842.

JAMES STEWART, 1883.

The course on this subject comprises :

I. A description of the Pharmacology and Therapeutics of the more important medicinal agents.

II. The delivery of a weekly lecture (" Clinical Therapeutics ") in the theatre of the General Hospital on some case or groups of cases well adapted for illustrating important points in both general and special Therapeutics. The material for these lectures is abundant, being obtained from both the wards and the out door clinics. Electro Therapeutics will also be dealt with in this part of the course.

III. The attendance during the summer session of a course on Practical Materia Medica.

MEDICINE.

PROFESSOR GEORGE ROSS.

WILLIAM CALDWELL, 1824.

ANDREW F. HOLMES, 1842.

WILLIAM ROBERTSON, 1833.

R. PALMER HOWARD, 1860.

GEORGE ROSS, 1889.

While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important internal diseases of the body, except those peculiar to Women and children, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possesses an extensive series of Anatomical plates

illustrative of the Histological and Anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes, and to give the results of treatment.

CLINICAL MEDICINE.

PROFESSOR R. L. MACDONNELL.

JAMES CRAWFORD, 1845 and 1852.	DUNCAN C. MACCALLUM, 1860
ROBT. L. MACDONNELL, 1849.	JOSEPH M. DRAKE, 1868.
STEPHEN C. SEWELL, 1850.	GEORGE ROSS, 1872.
R. PALMER HOWARD, 1856.	RICH'D L. MACDONNELL, 1889.

Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week with the 3rd year students, and three days with those of the 4th year. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given at the bedside, and special inducements are offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, &c., in medical diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered, bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

SURGERY.

PROFESSOR GEO. E. FENWICK.

JOHN STEPHENSON, 1824.	G. W. CAMPBELL, 1835.
	GEO. E. FENWICK, 1875.

The first part of this course consists of Surgical Pathology, illustrated by a large collection of preparations from the College Museum, also specimens as they are obtained from cases under observation at the Hospital, and contributed to that collection by the Hospital pathologist and from private sources. The second part of the course is devoted to the practice of Surgery, in which attention is drawn to cases which have been observed by the class during

the previous summer session. The various surgical appliances are exhibited, and their uses and application explained. Surgical Anatomy and Operative Surgery form a special department of this course, and Quain's and Maclese's plates are used in illustration.

CLINICAL SURGERY.

PROFESSOR THOMAS G. RODDICK.

JAMES CRAWFORD, 1845.

ROBERT CRAIK, 1860.

WILLIAM E. SCOTT, 1852.

GEORGE E. FENWICK, 1867.

DUNCAN C. MACCALLUM, 1856.

THOMAS G. RODDICK, 1875.

This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of surgical cases actually present in the wards of the General Hospital. The class is separated into junior and senior divisions which are taken charge of by the Professor on alternate days, when the reports of the Clinical clerks are read and criticised, and fresh cases are examined by the senior students. The surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, &c. Major operations are performed in the theatre attached to the Hospital, which is so constructed that the most distant can obtain a fair view of the operations. All the recently invented appliances for the treatment of surgical disease have been introduced into the Hospital.

MIDWIFERY.

PROFESSOR J. C. CAMERON.

WILLIAM ROBERTSON, 1824.

ARCHIBALD HALL, 1854.

JOHN RACEY, 1833.

DUNCAN C. MACCALLUM, 1868.

GEO. W. CAMPBELL, 1835.

ARTHUR A. BROWNE, 1883.

MICHAEL McCULLOCH, 1842.

J. C. CAMERON, 1886.

This course will embrace: 1. Lectures on the principles and practice of the obstetric art, illustrated by diagrams, fresh and preserved specimens, the artificial pelvis, complete set of models illustrating deformities of the pelvis, wax preparations, bronze mechanical pelvis, &c. 2. Bedside instruction in the Montreal Maternity, including external palpation, pelvimetry, the management and after-treatment of cases. 3. A complete course on obstetric operations with the phantom and preserved foetuses. 4. The Diseases of Infancy.

5. A course of individual clinical instruction at the Montreal Maternity.

Arrangements have now been made for a graded course in Obstetrics, instruction being given separately to third year and final students.

GYNÆCOLOGY.

PROFESSOR WM. GARDNER, 1883.

The course on this subject will comprise two lectures a week throughout the session. The anatomy and physiology of the parts concerned will be first discussed. Then the various methods of examination will be fully described, the necessary instruments exhibited, and their uses explained. After this, the diseases peculiar to the sex will be considered as fully as time will permit, in the following order:—Disorders of Menstruation; Leucorrhœa, its causes and treatment; Pelvic Cellulitis and Peritonitis; Lacerations of the Cervix Uteri and Perineum; Urinary and Fæcal Fistulæ; Inflammations of the Uterus; Displacements of the Uterus; Tumors of the Uterus: Diseases of the Ovaries.

The lectures will be illustrated as fully as possible by drawings and morbid specimens. The Gynæcological Clinic of the General Hospital furnishes the Professor with ample material to illustrate the subjects considered in the didactic lectures.

MEDICAL JURISPRUDENCE.

PROFESSOR GEO. WILKINS.

WILLIAM FRASER, 1845.	R. PALMER HOWARD, 1854.
FRANCIS BADGLEY, 1849.	DUNCAN C. MACCALLUM, 1860.
FRANCIS C. T. ARNOLDI, 1850.	GEORGE E. FENWICK, 1867.
WILLIAM E. SCOTT, 1851.	WILLIAM GARDNER, 1875.
WILLIAM WRIGHT, 1852.	GEORGE WILKINS, 1883.

This course includes Insanity, the subject being treated of in its Medical as well as Medico-Legal aspects. Special attention is devoted to the subject of blood stains, the Clinical, Microscopic and Spectroscopic tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shewn by Zeiss' Microspectroscope, so well adapted for shewing the reactions with exceedingly minute quantities of suspected material. Recent

researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons are first treated of, after which the more common poisons are described, with reference to symptoms, post-mortem appearances, and chemical tests. The post-mortem appearances are illustrated by plates, and the tests are shown to the class.

OPHTHALMOLOGY AND OTOLOGY.

PROFESSOR FRANK BULLER, 1883.

Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former, the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A course of Operations on the cadaver will be open to such students as may wish to avail themselves of the same.

HYGIENE AND PUBLIC HEALTH.

PROFESSOR ROBERT CRAIK.

GEORGE ROSS, 1871.

WILLIAM GARDNER, 1879.

THOMAS G. RODDICK, 1873.

R. L. MACDONNELL, 1886.

ROBERT T. GODFREY, 1875.

ROBERT CRAIK, 1889.

This course comprises lectures on Drinking Water and Public Water Supplies; conditions of Soil and Water as affecting health, including Drainage and the various methods for the removal of Excreta; the Atmosphere, including Heating and Ventilation; Individual Hygiene, comprising the subjects of Food and Drink; Physical Exercise and Bathing; discussion of the respective merits of the various forms of each, precautions, contra-indications, &c. Village Sanitary Associations; Mutual Protective Sanitary Associations for cities.

BOTANY.*PROFESSOR D. P. PENHALLOW.*

ANDREW F. HOLMES, 1829.

DR. PAPINEAU, 1845.

JAMES BARNSTON, 1857.

J. W. DAWSON, 1855.

D. P. PENHALLOW, 1883.

The course in Botany includes General Morphology, Histology, Physiology and Classification. It is designed to give special prominence to Physiology, which will be made comparative whenever practicable. The course is illustrated by the microscope and gas microscope, and by the collection, models and apparatus in the Peter Redpath Museum.*

ZOOLOGY.*PROFESSOR SIR WILLIAM DAWSON.*

This course includes a systematic study of the classification of animals, illustrated by Canadian examples and by the collections in the Peter Redpath Museum. It forms a suitable preparation for collecting in any department of Canadian Zoology and Palaeontology, and an introduction to Comparative Physiology. It may be taken instead of Botany, or along with it, without any additional fee.

Students in Botany or Zoology will receive tickets to the Peter Redpath Museum, and to the Museum of the Natural History Society of Montreal.

PATHOLOGY.*W. G. JOHNSTON, DEMONSTRATOR.*

This Course comprises :—

1. Twenty-five lectures on General Pathology to students of the 3rd year.
2. Weekly Pathological Demonstrations to students of the 3rd year. The gross and microscopic appearances of specimens collected during the week, are demonstrated to the final classes. In addition, special demonstrations in Pathological Histology are given throughout the session.

* Exemptions from Botany in the Matriculation, for Arts' Students, do not entitle Students to exemptions in the First year.

3. Instruction in Post-Mortems. The Autopsy Room of the General Hospital is in charge of the Demonstrator. The post-mortems are performed by the students in rotation under his direction, and systematic demonstrations of post-mortem methods, including those to be followed in Medico-Legal cases, will also be given.

PRACTICAL MICROSCOPY.

This is an entirely optional course, and will be in charge of Prof. Wilkins, who will have Dr. Johnston, the Demonstrator of Pathology, associated with him. It is intended especially for teaching the technique of Microscopy. Students will be shewn how to examine blood, &c., fresh specimens and morbid products, also to cut, stain, and mount specimens. For this purpose they will have furnished them both normal and diseased structures, with which they will be able to secure a cabinet of at least 100 specimens, which will be of great benefit when in practice. Reagents and everything, except cover-glasses and cabinet cases, provided. Fee \$12.

Extracts from the University Regulations with respect to the Courses of Lectures:—

- 1st. Each Professor shall deliver at least five Lectures during the week, except in Medical Jurisprudence and Botany, if extended through six months, in which case three Lectures a week will suffice.
- 2nd. Every Lecture shall be of one hour's duration.
- 3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered as a Lecture.
- 4th. A roll of the names of the Students attending such class shall be called from time to time.

IV.

QUALIFICATIONS FOR THE DEGREE.

The following are Extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine:—

No one entering after October 1st, 1884, will be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not have attended Lectures for a period of at least four six months' sessions and one three months' summer session* in this University, or some other University, College or School of Medicine, approved of by this University.

2nd. Candidates for Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz.:—

ANATOMY.	} Of which Two Courses will be required of Six Months' duration.
PRACTICAL ANATOMY.	
PHYSIOLOGY.	
CHEMISTRY.	
MATERIA MEDICA AND THERAPEUTICS.	
PRINCIPLES AND PRACTICE OF SURGERY.	
MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN.	
THEORY AND PRACTICE OF MEDICINE.	
CLINICAL MEDICINE.	} Of which One Course of Six Months, or Two Courses of Three Months will be required.
CLINICAL SURGERY.	
MEDICAL JURISPRUDENCE.	
PRACTICAL CHEMISTRY.	} Of which One Course will be required of Three Months' duration.
BOTANY OR ZOOLOGY.	
HYGIENE AND PUBLIC HEALTH.	
HISTOLOGY.	} Ten Lectures and Twenty-five Demonstrations.
GENERAL PATHOLOGY.	

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated, may be presented and accepted.

3rd. The Candidates must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or of some other Hospital approved of by this University, and of having compounded medicines for six months.

* To be taken after 3rd Winter Session

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of labor.

5th. No one will be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Students, except by special permission of the Faculty, must pursue the subjects of Anatomy, Chemistry, Histology and Botany in their first session, and are advised to take Physiology in addition.

8th. Candidates who fail to pass in not more than two subjects of the first two years may be granted a supplemental examination at the beginning of the following session.

9th. Supplemental examinations will not be granted, except by special permission of the Medical Faculty, and on written application stating reasons.

10th. No candidate will be permitted to proceed with the work of the final year until he has passed *all* the subjects comprised in the Primary examination.

11th. Candidates who fail to pass in a subject of which two courses are required, may, at the discretion of the Faculty, be required to attend a third course, and furnish a certificate of attendance thereon.

A course in Practical Anatomy will be accepted as equivalent to a third course of lectures in General and Descriptive Anatomy.

12th. The requirements for the summer session, when as at present taken after the third winter session, shall be :—

(a.) Daily Hospital attendance ;

(b.) Maternity attendance ; and

(c.) Any two weekly clinics in addition to the clinics on General Medicine and Surgery.

13th. Every Candidate for the Degree must, on or before the first day of March, present to the Registrar of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Registrar of the Faculty the following Certificate :—

MONTRÉAL, _____ 18—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed),

A.B.

14th. The trials to be undergone by the Candidate shall be such as are referred to under Section V.

15th. The following Oath or affirmation will be exacted from the Candidate before receiving his degree :—

SPONSIA ACADEMICA.

In Facultate Medicinae Universitatis,

Ego, A—— B——, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omnibus grati animi officiis erga hanc Universitatem, ad extremum vitae halitum, perseveraturum; tum porro artem medicam caute, caste, et probe exercitaturum; et quoad in me est, omnia ad agricotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita presens mihi spondenti adsit Numen.

16th. The fee for the Degree of Doctor of Medicine and Master of Surgery shall be thirty dollars, to be paid by the successful candidate immediately after examination.

—
V.

EXAMINATIONS.

Weekly examinations are held to test the progress of the Student; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows :—

First Year.

Pass Examination in BOTANY and HISTOLOGY.

Sessional Examination in ANATOMY, CHEMISTRY, and PHYSIOLOGY.

A maximum of one hundred marks will be allowed for the Sessional Examination in each subject, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

Second Year.

Pass Examination in ANATOMY, CHEMISTRY, PRACTICAL CHEMISTRY and PHYSIOLOGY.

Sessional Examination in PHARMACOLOGY and THERAPEUTICS.

One hundred marks will be allowed for the Sessional Examination, which marks shall be reckoned in the ranking of the candidate after the examination of the following year.

Third Year.

Pass Examination in PHARMACOLOGY and THERAPEUTICS, MEDICAL JURISPRUDENCE, HYGIENE and PATHOLOGY.

Fourth Year.

Pass Examination in MEDICINE, SURGERY, OBSTETRICS, CLINICAL MEDICINE, CLINICAL SURGERY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year, and an equitable division is made between the Primary and Final branches.

VI.

MEDALS AND PRIZES.

1st. The Holmes' Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

The Student who gains the Holmes' Medal has the option of exchanging it for a Bronze Medal, and the money equivalent of the Gold Medal.

2nd. A Prize in Books awarded for the best examination, written and oral, in the Final branches. The gold medallist is not permitted to compete for this prize.

3rd. A Prize in Books awarded for the best examination, written and oral, in the Primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

5th. A Prize in Books for the best examination in Practical Anatomy.

6th. Prizes in Botany.

A Prize in Books for the best examination.

7th. The Clemesha Prize in Clinical Therapeutics.

VII.

FEES.

Distributed according to years, the Class Fees are as follows:—

First Year.

Anatomy.....	\$12
Physiology.....	12
Histology.....	6
Chemistry.....	12
Practical Anatomy.....	12
Botany.....	5
Dissecting Material.....	5
Enregistration.....	5
 Total.....	 \$69

Second Year.

Anatomy.....	\$12
Practical Anatomy.....	12
Physiology.....	12
Chemistry.....	12
Practical Chemistry.....	12
Chemical Reagents.....	3
Materia Medica.....	12
Practical Physiology.....	6
Hygiene.....	6
Dissecting Material.....	5
Enregistration.....	5
 Total.....	 \$97

Third Year.

Medicine.....	\$12
Materia Medica.....	12
Clinical Medicine.....	12
Surgery.....	12
Clinical Surgery.....	12

Midwifery and Gynaecology	12
Medical Jurisprudence.....	10
Pathology.....	10
Enregistration.....	5
Total.....	\$97

Fourth Year.

Medicine.....	\$12
Surgery	12
Clinical Medicine.....	12
Clinical Surgery.....	12
Midwifery and Gynaecology.....	12
Enregistration.....	5
Total.....	\$65

HOSPITAL FEES.

Montreal General Hospital, Perpetual Ticket.....	\$20
Montreal Maternity.....	8
Total.....	\$28
Graduation Fee.....	\$30
Matriculation Fee, payable only if the Student takes the University Matriculation.....	5
Total Collegiate and Hospital expenses, spread over four years, about.....	\$416.00

All fees are payable in advance, to the Registrar, and except by permission of the Faculty will not be received later than 1st November.

It is suggested to parents or guardians of students that the fees be transmitted direct by cheque or P. O. Order, to the Registrar, who will furnish official receipts.

The total Collegiate and Hospital fees (graduation and Montreal General Hospital fees not included) for all students entering on and after the 1st of October, 1890, will be \$400. This sum is to be paid in four annual instalments of \$100 each. The above sum of \$400 represents the tuition for four winter and one summer session, and if the student elects to attend the two other summer sessions of his course, he may do so without further payment.

VIII.

TEXT BOOKS.

(Prices current in Montreal.)

ANATOMY.—Gray, \$6; Wilson, \$4; Quain (Eng. Ed.) \$9.75.

PRACTICAL ANATOMY.—Heath's Dissector, \$4.50; Holden's Dissector, \$5.00; and Landmark's, \$1.00; Ellis' Demonstrations.

PHYSICS.—Balfour Stewart, \$1.35.

INORGANIC CHEMISTRY.—Millar, \$1.00; Wurtz's Elementary Chemistry, \$2.50.

ORGANIC CHEMISTRY.—Armstrong, \$1.00.

PRACTICAL CHEMISTRY.—Odling, \$1.75.

PHARMACOLOGY and THERAPEUTICS.—Wood, \$6.00; Lauder Brunton, \$6.00; Whitla, 3.50; and Bruce, \$1.50.

PHYSIOLOGY.—Huxley's *Elementary Lessons*, \$1.35; Foster, \$3.25; Prof. Mills' Text-book of Animal Physiology (in the press), and Outlines of Lectures, \$1.00.

PATHOLOGY.—Orth's Diagnosis in Pathology, \$3.50; Payne, \$3.50.

HISTOLOGY.—Klein's Elements, \$1.50; Schäfer's Essentials of Histology, \$2.25.

SURGERY.—Holmes' Surgery (Eng. Ed.) \$9.00; Erichsen, \$9.00; Druitt, \$4.25; Bryant, \$6.50; Treves, \$6.00.

PRACTICE OF MEDICINE.—Flint, \$5.50; Roberts, \$5.00; Bristowe, \$5.00; DaCosta, \$6.00; Fagge, \$10.00; Quain's Dict.

FOR REFERENCE.—Pepper's System of Medicine.

CLINICAL MEDICINE.—Finlayson's Clinical Manual, \$2.60; Flint on Auscultation and Percussion, \$1.75; and Loomis on Physical Diagnosis, \$3.00.

MEDICAL JURISPRUDENCE.—Husband, \$3.25; Guy and Ferrier, \$3.75; Reese, \$3.00.

MIDWIFERY.—Lusk, \$5.00; Galabin, \$3.00.

GYNÆCOLOGY.—Edis, \$3.00; Goodell's Lessons, \$4.00; Hart and Barbour's Manual, \$7.50; Thorburn, \$7.50; Skeene.

HYGIENE.—Parks, \$5.50; Wilson, \$2.75.

BOTANY.—Gray's Text Book of Histology and Physiology, \$2.25.

ZOOLOGY.—Sir William Dawson's Handbook of Canadian Zoology, \$1.25.

IX.

MUSEUM.

For the past fifty years, the rich Pathological Material furnished by the Montreal General Hospital has been collected here. The Faculty are also greatly indebted to many medical men throughout Canada and different parts of the world for important contributions to the Museum.

During the past few years, numerous and extremely important additions have been made to the Medical Museum.

It is particularly rich in specimens of Aneurisms. In addition to containing a large number of the more common varieties of these formations, there are specimens of such rare conditions as Aneurism of the Hepatic and Superior Mesenteric Arteries, Traumatic Aneurism of the Vertebral, together with several of the cerebral and pulmonary arteries. The most important collection probably in existence of hearts affected with "Malignant Endocarditis" is also found. The Faculty are indebted to Prof. Osler, late of this University, for this collection.

The Museum contains also a very large collection of different forms of calculi. The Faculty are mainly indebted to Prof. Fenwick for this collection.

During the past two years, Mr. Bailly, osteologist and articulator (lately with Trainond of Paris), has been engaged in arranging and mounting the very large number of specimens of disease and injuries of bones which have been accumulating for years. In this collection are to be found examples of fractures and dislocations of the spine, osteoporosis, congenital dislocation of the hip, fracture of the astragalus, multiple exostosis, &c., &c.

Obstetrical Department of the Museum.

Besides the ordinary pathological preparations, dry and moist, usually found in Museums, this department contains a complete set of models of deformed pelvis, a series of preparations in wax, illustrating the normal relations of the pelvic organs, the development of the Uterus and its contents during pregnancy, various abnormalities, twin pregnancy, foetal circulation &c., a series of colored casts of frozen sections, Tarnier's artificial pelvis, Budin's bronze mechanical pelvis, models of obstetrical instruments, &c.

Additions are being constantly made, and ere long the department will possess a complete collection of models, casts, preparations and apparatus for the practical teaching and illustration of Obstetrics.

Anatomical Museum.

In addition of the already large collection of normal and abnormal osteology, comparative and human, skeletons of various classes of animals, moist preparations and frozen sections, the following preparations have been recently added to the Museum:—

- (1) A series of articulated skeletons of fore and hind limbs of the various domestic animals prepared by the articulator Mr. Baily.
- (2) Numerous moist preparations presented by the Professor of Anatomy.
- (3) A complete set of Steger's beautiful colored casts taken from the celebrated frozen sections of Professors His and Braune of Leipzig. These preparations have been placed in the Museum so that they can be constantly consulted by the Students.
- (4) (a) A complete set of Steger's brain sections.
 (b) Set of hardened brains with the various lobes, convolutions, ganglia, &c., in different colors.
 (c) Models of the cerebro-spinal and sympathetic nervous systems.
 (d) A set of Prof. D. J. Cunningham's beautiful casts of the Brain in situ, showing the relations of convolutions to the skull.
- (5) (a) A set of preparations showing the anomaly of vessels entering the kidneys.
 (b) A number of rare anomalies of the aorta and its branches.
 (c) A series of preparations showing the shoulder girdle in various animals.

X.

LIBRARY.

The Library of the Medical Faculty now comprises upwards of twelve thousand volumes, the largest special library connected with any medical school on this continent.

The valuable library of the late Dr. Robert Palmer Howard has been donated to the Medical Faculty. It consists of several thousand volumes, including a very complete collection of works on Diseases of the Chest.

The standard text-books and works of reference, together with complete files of the leading periodicals, are on the shelves. Students may obtain books on making a deposit of \$5, which is refunded on returning the volumes.

XI.

MCGILL MEDICAL SOCIETY.

This Society, composed of enregistered Students of the Faculty meets once a week during the Summer Session, and fortnightly during the Winter, for the reading of papers and the discussion of medical subjects.

A reading room has been established in connection with the Society, in which the leading English and American Medical Journals are on file.

The leading daily and weekly newspapers of the Dominion are also kept on file.

XII.

COST OF LIVING, &c.

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good board may be obtained from \$15 to \$20 per month. A list of boarding houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

XIII.

LICENSED BOARDING-HOUSES.

1. All Students under 21 years of age, not residing with parents or guardians, shall reside in licensed boarding-houses, unless they produce written authority from parents or guardians to reside elsewhere.

2. Persons applying for a license to keep boarding-houses shall produce evidence satisfactory to the Principal as to their character and fitness, and the suitability of the house for the health and comfort of the Students. They shall also supply him with a statement of charges.

3. The keeper of every lodging-house shall deposit with the Secretary of the University, on or before September 10th, in every year, a certificate as to the sanitary condition of the house from some competent officer or sanitary engineer recognized by the Principal.

4. A list of boarding-houses licensed under the above regulations shall be kept in the office of the Secretary, and shall be accessible to all members of the University and intending students.

XIV.

HOSPITALS.**Montreal General Hospital.**

The Montreal General Hospital is the most extensive clinical field in the Dominion. A much larger number of in-door and out-door patients receive treatment there than in any other Canadian Hospital. Last year's report shows that 2,545 Medical and Surgical cases were treated in the wards, and the great proportion of these were acute cases, as may be gathered from the fact that the average duration of residence was only 23.6 days.

The large number of out-door patients that are treated in the Hospital—averaging from eighty to ninety daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student.

The large number of patients affected with diseases of the eye and

ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye by the Ophthalmic Surgeon after the out-door patients have been seen, and Students are invited to attend the same, and, as far as practicable, to keep such cases under observation so long as they remain in the Hospital.

There are now special departments in the Hospital for Gynæcology and Laryngology, presided over by Specialists in these branches. Students are thus enabled to acquire special technical knowledge under skilled direction. The plan of teaching practical gynæcology for the past five years with marked success has been the limitation of the number of Students to two or three, who, in rotation, assist at the examinations, and receive instruction in the diagnosis and treatment of uterine diseases and the use of gynæcological instruments.

Recently two additional special clinics have been instituted in connection with the Out-door Department : one for diseases of children and the other for the diseases of the nervous system.

CLINICAL CLERKS in both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate directions of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage to Students, as affording a true *practical* training for his future professional life. They will be awarded on application at the end of each Session to final Students of that year, in order of their standing in the primary examination.

DRESSERS are also appointed to the Surgical wards and to the Out-door Department. For these appointments, application is to be made to the Professor of Clinical Surgery, and to the Assistant Surgeons.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

Montreal Dispensary.

ST. ANTOINE STREET.

Over 12,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and children's diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12 to 2 daily during the winter session and from 4 to 6 p.m. during the summer session.

The Montreal Maternity.

The Faculty have great pleasure in announcing that the Corporation of the Montreal Maternity have recently made very important additions to their building, and have still further improvements in contemplation. Students will therefore have greatly increased facilities for obtaining a practical knowledge of obstetrics. The institution is under the direct supervision of the Professor of Midwifery, who devotes much time and attention to individual instruction. Students who have attended one course of lectures are furnished with cases in rotation, which they are required to report and attend till convalescence. They are advised to take their clinical midwifery as much as possible during the summer session. Though only six cases are required to qualify for the license of the Ontario and Quebec Medical Boards, twenty cases are demanded by the licensing bodies of Great Britain. A sufficient number of cases will be assigned to students who contemplate presenting themselves for British qualifications. Two resident accoucheurs are appointed yearly from the graduating class to hold office for a period of six months each. By an arrangement with the authorities of the Montreal General Hospital one of the residents acts as Clinical assistant to the Gynaecologist for a period of six months, a change which has greatly enhanced the value of this appointment.

XV.

STUDENTS' APPOINTMENTS.

General Hospital—Five Resident Medical Officers.

Clinical Clerk, Gynaecology.

“ “ Laryngology.

Clinical Clerk, Diseases of Children.
 " " Dermatology.
 " " Diseases of Nervous System.
 University Maternity.—Two Resident Medical Officers.
 Out-door Dressers.
 Dressers in Eye and Ear Department.
 Surgical Dressers (In-door).
 Medical Clinical Clerks.
 Post-mortem Clerks.
 Student Demonstrators of Anatomy, 4 third-year Students.
 Prosector to Chair of Anatomy.
 Assistants in Practical Histology Course, 2.
 Assistants in Practical Physiology Course, 4.
 Assistants in Practical Chemistry, 2.

XV.

RULES FOR STUDENTS.

1. In the case of disorderly conduct, any Student may, at the discretion of the Professor, be required to leave the Class-room. Persistence in any offence against discipline after admonition by the Professor shall be reported to the Dean of the Faculty. The Dean may, at his discretion, reprimand the Student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend from classes.
2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the Faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a Session, shall in each case be determined by the Faculty.
3. While in the College, Students are expected to conduct themselves in the same orderly manner as in the Class-room.
4. When Students are brought before the Faculty under the above rules, the Faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from Classes, or report to the Corporation for expulsion.

XVI.

PAST SESSION.

The total number of students enregistered in the Medical Faculty during the past session was 233, of whom there were, from—

Ontario	106	P. E. Island	10
Quebec.....	57	Newfoundland	2
New Brunswick.....	19	Manitoba.....	4
Nova Scotia.....	23	British Columbia.....	1
United States.....	10	West Indies	1

The following gentlemen have passed their Primary Examination, which comprises the following subjects :—Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology and Botany :—

Alexander, W. W.	Hamilton, W. F.	McCrimmon, A. A.
Ault, C. A.	Harris, N. M.	McMillan, J. H.
Beers, A. H.	Harrison, J. D.	McGuire, J. C.
Bennie, R.	Hattie, W. H.	O'Connor, C.
Booth, J. S.	Hayes, John	Oliver A. J.
Bowie, R. A.	Hubert, P. T.	Parke, G. H.
Brown, W. A.	Jenkins, W. E.	Patton, H. M.
Busby, J.	Keir, E. J.	Robertson, E. A.
Calkin, B. H.	Kelly, C. I.	Robertson, T. F.
Clemesha, J. C.	Kemp, H. D.	Smith, C. F.
Dewar, Alex.	Lambert, E. M.	Sparling, A. J.
Farwell, W. A.	Love, A.	Speir, J. R.
Fletcher, R. W.	Lovering, W. T.	Troy, W.
Gibson, R. J.	Mader, A. I.	Tunstall, A.
Gorrell, A. S.	Martin, M. Mc	Webster, R. E.
Grafton, E. A.	Morrow, W. S.	Williamson, H. M.
Greene, T. J.	Mulligan, E. A.	Williamson, W. P.
	Woodruff, E. H.	

The following gentlemen, 38 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M. from the University. In addition to the Primary subjects mentioned, they have passed a satisfactory examination, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Infancy, Gynaecology, Pharmacology and Therapeutics, Medical Jurisprudence, Pathology and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital :—

Aylen, W. W.....	Aylmer, Quo.
Booth, J. S.....	Montreal, Quo.
Brown, G. A.....	Charlottetown, P.E.I.
Campbell, G. G., B.Sc.....	Truro, N.S.

Creasor, J. A., B.A.	Owen Sound, Ont.
Delaney, W. J.	Peterboro', Ont.
England, W. S.	Dunham, Que.
Esson, F. G.	Halifax, N.S.
Garrow, A. E.	Ottawa, Ont.
Gemmill, E. W.	Almonte, Ont.
Holmes, A. D.	Chatham, Ont.
Hopkins, F. A.	Cookshire, Que.
Hubert, P. T.	Harbor Breton, Nfld.
Irwin, W. T.	Pembroke, Ont.
Kerr, N.	Holyrood, Ont.
Low, D.	Palmerston, Ont.
Martin, J. M.	Brown's Creek, P.E.I.
Mathieson, C. S.	Harrington, P.E.I.
Morehouse, O. E.	Gibson, N.B.
Mowat, M. M.	Williamstown, Ont.
Muirhead, D. A.	Carleton Place, Ont.
Murray, D. A.	Black Meadows, N.S.
McCurdy, T.	Ormstown, Que.
McDonald, A.	Iroquois, Ont.
McDonald, H. N.	Laggan, Ont.
McDonald, G.	Renfrew, Ont.
McDonald, P. A.	Alexandria, Ont.
McEwen, H.	Carleton Place, Ont.
McIntosh, D. H.	Carleton Place, Ont.
McKercher, H.	Stittsville, Ont.
McKinnon, T. H.	Lockport, N.S.
McLellan, A. A.	Indian River, P.E.I.
Philp, W. S.	Montreal, Que.
Shanks, A. L.	Huntingdon, Que.
Vipond, A. E.	Montreal, Que.
Wheeler, C. L., B.A.	Montreal, Que.
Whyte, J. J.	Lancaster, Ont.
Wylde, C. F.	Halifax, N.S.

The following have passed in Physiology :—

Carlaw, C. M.	Holden, D. B.	Smith, T. H.
Clark, J.	Moore, J. M.	Smith, A. G.
Fulton, J. A.	Neil, J.	Watson, N. M.
	McCann, E. A.	

The following have passed in Chemistry :—

Carlaw, C. M.	Martin, C.	Smith, T. H.
Clark, J.	Neil, J.	Smith, A. G.
	Fulton, J. A.	

The following have passed in Anatomy:—

Clark, J.

Watson, N. M.

The following have passed in Practical Chemistry:—

Carlaw, C. M.	Moore, J. M.	Smith, T. H.
Holden, D. B.	McEown, F.	Smith, A. G.
Kent, H. V.	Neil, J.	Watson, N. M.

The following have passed in Pathology:—

Ault, C. A.	Jento, C. P.	McEown, F.
Addy, G. A.	Jenkins, W. E.	Noble, C. T.
Beers, A. H.	Kent, H. V.	MacKay, H. H.
Broderick, E. J.	Kee, D. N.	Oliver, A. J.
Bowes, E. J.	Irwin,	O'Connor, C.
Bissett, C. P.	Liddell, G. L.	Patton, H. M.
Burritt, C. H.	Lewin, A. A.	Ross, H. R.
Clarke, J. W.	Morphy, A. G.	Ross, J.
Corbin, F. G.	McKee, G. L.	Reid, J. T.
Coleman, A. H.	McLellan, A. C.	Robertson, W.
Ellis, T. H.	McKechnie, R. E.	Smith, W. D.
Evans, D. J.	Murray, M. W.	Telfer, W. J.
Gorrell, A. S.	Morris, O.	Thompson, F. E.
Hayes, John	McKinnon,	White, D. D.
Harris, N. M.	McDonald, M. S.	Williamson, H. M.
Hayes, Joseph	Mulligan, E. A.	Wilson, W. A.
Hamilton, H. D.	McManus, H. D.	Yorston, F. E.
Inksetter, W. E.		

The following have passed in Medical Jurisprudence :—

Ault, C. A.	Hayes, John	McManus, H. D.
Addy, G. A. B.	Hayes, Joseph	McKochine, R. E.
Bissett, C. P.	Harris, N. M.	Noble, C. T.
Beers, A. H.	Inksetter, W. E.	O'Connor, C.
Berwick, R. A.	Jenkins, W. E.	Oliver, A. J.
Broderick, E. J.	Jento, C. P.	Patton, H. M.
Bowes, E. J.	Kee, D. N.	Ross, H. R.
Clark, J. W.	Kent, H. V.	Ross, James
Coleman, A. H.	Liddell, G. L.	Reid, J. T.
Cluno, P. J.	Lewin, A. A.	Robertson, W.
Curtis, I. B.	Mulligan, E. A.	Smith, W. D.
Corbin, F. G.	Morphy, A. G.	Telfer, W. J.
Evans, D. J.	Murray, M. W.	Thompson, F. E.
Ellis, T. H.	MacDonald, M. S.	White, D. D.
Gorrell, A. S.	McLellan, A. C.	Williamson, H. M.
Hamilton, H. D.	McEwan, F.	Wilson, W. A.
	Yorston, F. S.	

The following have passed in Pharmacology and Therapeutics :—

Ault, C. A.	Inksetter, W. E.	McEown, F.
Addy, G. A.	Jento, C. P.	Noble, C. T.
Beers, A. H.	Jenkins, W. E.	MacKay, H. H.
Broderick, E. J.	Kent, H. V.	Oliver, A. J.
Bowes, E. J.	Kee, D. N.	O'Connor, C.
Bissett, C. P.	Liddell, G. L.	Patton, H. M.
Burritt, C. H.	Lewin, A. A.	Ross, H. R.
Clarke, J. W.	Morphy, A. G.	Ross, Jas.
Corbin, F. G.	McKee, G. L.	Reid, J. T.
Coleman, A. H.	McLellan, A. C.	Robertson, W.
Ellis, T. H.	McKechnie, R. E.	Smith, W. D.
Evans, D. J.	Murray, M. W.	Telfer, W. J.
Gorrell, A. S.	Morris, O.	Thompson, F. E.
Hayes, John	McKinnon,	White, D. D.
Harris, N. M.	McDonald, M. S.	Williamson, W. M.
Hayes, Joseph	Mulligan, E. A.	Wilson, W. A.
Hamilton, H. D.	McManus, H. D.	Yorston, F. S.

The following have passed in Histology :—

Akerley, A. W.	Halliday, V.	McKenty, J.
Ault, C. R.	Henderson, J.	McLeod, H. S.
Baker, M. F.	Hogg, D. H.	McKenzie, R. T.
Berwick, R. H.	Jameson, Thos.	McKinnon, A. I.
Berwick, G. A.	Jack DuVernet	McNally, H.
Boyce, B. F.	Joel, C. L.	McGowan, G.
Binnmore, J. E.	Johnstone, A.	Outwater, S. W.
Bruce, D. A.	King, H. S.	Phelan, E. D.
Brown, F. W. A.	Lang, F. W.	Peake, J. P..
Bowen, G. A.	Langley, A.	Paterson, L.
Cannon, A.	Mair, A. W.	Ramsay, R. C.
Carmichael, H. B. W.	Massiah, W. B. H.	Scovil, W. T.
Coburn, A. D.	Martin, S. H.	Simpson, T. C.
Chipman, R. J.	Martin, C. F.	Stewart, J. A.
Chabot, J. L.	Meade, C.	Scott, D. F.
Day, A. R.	Meikle, W.	St. Louis, D.
Ellis, W.	Morris, F.	Taylor, N.
Graham, W. C. R.	Mylne, R. C.	Thompson, J.
Grant, H. A.	Millar, G. A.	Taplin, M. M.
Gorham, A.	Macaulay, G.	Taylor, T. T.
Gibson, R. J.	Mackay, D. T.	Watson, J.
Glendenning, R. T.	McDonald, D.	Walsh, W. E.
Hayes, P. J.	McCann, E.	Wasson, H. J.
Hayman, M.	McGrant, J. A.	Walker, W. G.
	Yates, H. B.	

The following have passed in Botany :—

Ault, C. R.	Graham, W. C. R.	McLeod, H. S.
Berwick, R. H.	Grant, H. A.	McNally, H.
Berwick, G. A.	Halliday, V.	Meade, C.
Binmore, J. E.	Hayes, P. J.	Meikle, W. F.
Boyce, B. F.	Henderson, Jas.	Outwater, S. W.
Bowen, G. A.	Jameson, Thos.	Paterson, L.
Brousseau, J. H.	King, H. S.	Phelan, E. D.
Brown, F. W. A.	Lang, F. W.	Robinson, B. E.
Bruce, D. A.	Langley, A.	Stewart, J. A.
Carmichael, H. B. W.	Mair, A. W.	Taplin, M. M.
Chabot, J. L.	Mackay, D. T.	Taylor, N.
Chipman, R. J.	McKinnon, A. I.	Taylor, T. T.
Coburn, A. D.	Martin, S. H.	Thompson, J.
Day, A. R.	Massiah, W. B. H.	Walsh, D. N.
Ellis, W. L.	McGowan, J. H.	Wasson, H. J.
Fulton, J. A.	McKenty, J. E.	Walker, W. G.
Glendenning, R. T.	McLennan, D. A.	

MEDAL, PRIZES AND HONOURS.

THE HOLMES' GOLD MEDAL, FOR THE BEST EXAMINATION IN ALL THE BRANCHES COMPRISED IN THE MEDICAL CURRICULUM IS awarded to Alexander E. Garrow, of Ottawa, Ont.

THE PRIZE FOR THE BEST EXAMINATION IN THE FINAL BRANCHES is awarded to Hugh McKercher, of Stittsville, Ont.

THE PRIZE FOR THE BEST EXAMINATION IN THE PRIMARY BRANCHES is awarded to William Arthur Brown of Chesterville, Ont.

THE SUTHERLAND GOLD MEDAL is awarded to John Craig Clemesha, of Port Hope, Ont.

The following gentlemen, arranged in order of merit, deserve honourable mention :—

In the Priminary Branches — Hamilton, Morrow, Busby, Bowie, Clemesha, Spier, Farwell, Grafton, Kelly, Dewar, Robertson, T. F. Troy, Lambert, Williamson, W. P. McMillan and Alexander.

In the Final Branches — Campbell, McCurdy, Murray, Philp, England and Creasor.

PROFESSORS' PRIZES.

BOTANY.—W. B. Hallam Massiah, of Barbadoes, West Indies.

ANATOMY.—2nd year, W. A. Brown. Honourable Mention, T. F. Robertson. 1st year, James Henderson, of Warkworth, Ont.

SUMMER SESSION.

1889.

The Fourteenth Summer Session of the Faculty of Medicine will begin on the 9th of April, and continue twelve weeks.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular Winter Session.

The attention of Students of this University, who intend to present themselves for the examination for the degree of M.D. in 1890, is particularly directed to the regulations instituted in 1884, making the third summer session compulsory.

In future, the regular University lectures on *Hygiene* will be delivered only during the summer sessions.

Students from other schools are received on the same terms as, and have all the advantages of, regular students.

The special advantages of attendance upon a Summer Session are:—

(1) The benefit derived from the practical and demonstrative classes.

(2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.

(3) Cases of Midwifery are obtained in greater number at the Montreal Maternity.

(4) Systematic study can be carried on more effectively than at home.

(5) The regular courses on Hygiene and Practical Chemistry can be attended.

The advantages offered by the City of Montreal for the practical study of Medicine and Surgery are unsurpassed in the Dominion.

In the wards of the General Hospital there is always—and more particularly in the summer months, when navigation is opened—a large collection of interesting medical and surgical cases. In the Out-door Department there is a daily attendance of between 90 and

100 patients, which affords excellent opportunities for instruction in general medical and surgical practice. In addition there are special clinics in the following different departments: 1. Eye and ear; 2. Nose and throat; 3. Diseases of children; 4. Diseases of the nervous system; 5. Diseases of women.

At the Montreal Dispensary, in addition to general Medical instruction, there is a Gynaecological Clinic.

The Faculty has much pleasure in announcing the following prospectus:—

I.—CLINICAL INSTRUCTION,

Which will comprise:—

A.—Bedside Instruction—

SURGERY.....	Dr. Fenwick and Dr. Shepherd.
MEDICINE.....	Dr. Wilkins and Dr. R. L. MacDonnell.

B.—Weekly Clinics, in the Theatre of the General Hospital, on—

1. GENERAL SURGERY	Dr. Fenwick, Roddick, Shepherd and Bell.
2. GENERAL MEDICINE	Dr. Ross, Wilkins, and R. L. MacDonnell.
3. GYNECOLOGY	Drs. Gardner & Alloway
4. DISEASES OF THE EYE AND EAR.....	Dr. Buller.
5. DISEASES OF THE NOSE AND THROAT.....	Dr. Major.
6. DISEASES OF CHILDREN	Dr. Blenkader.
7. VENEREAL DISEASES.....	Dr. Bell.
8. DISEASES OF THE NERVOUS SYSTEM.....	Dr. Stewart.
9. DISEASES OF THE SKIN.....	Dr. Shepherd.
10. ORTHOPAEDICS	Dr. Roddick.

D.—Out-Patient Clinics—1. At the General Hospital—

a. GENERAL MEDICINE AND SURGERY...	Medical and Surgical Staff.
b. *GYNECOLOGY.....	Drs. Gardner & Alloway
c. *DISEASES OF EYE AND EAR.....	Dr. Buller.
d. *DISEASES OF THROAT AND NOSE.....	Dr. Major.
e. DISEASES OF CHILDREN.....	Dr. Blenkader.
f. DISEASES OF THE NERVOUS SYSTEM.....	Dr. Stewart.

2 At the Montreal Dispensary—

A. MEDICINE.....	Drs. Stewart & Finley.
B. GYNECOLOGY.....	Dr. Alloway.

E.—Clinical Instruction in Obstetrics—

At the Montreal Maternity—

1. THE MANAGEMENT OF CASES OF LABOR.....	Dr. Cameron.
2. THE AFTER CARE OF CASES.....	

* A limited number of students will attend in rotation.

II.—PRACTICAL CLASSES.

†2. **Practical Chemistry.**—Same as, and may be taken in lieu of, the Winter Course. Fee, \$15.00. } **Dr. Ruttan.**

†3. **Operative Surgery.**—A complete course of operations on the cadaver, including Amputations, Excisions, Ligations, &c. The students perform the operations in rotation. Fee, \$5.00. } **Dr. Shepherd.**

4. **Obstetrical Presentations and Operations.**—A series of practical demonstrations on the cadaver or phantom. } **Dr. Cameron.**

5. **Deformed Pelvis.**—A series of demonstrations illustrating the influence of deformity of the Pelvis upon Labor. } **Dr. Cameron.**

†6. **Clinical Microscopy.**—Microscopes, Reagents and Material provided. } **Dr. Wilkins.**

†7. **Operative Ophthalmology.**—This will consist in a series of demonstrations on the methods of performing the usual eye operations. Fee, \$2.00. } **Dr. Buller.**

8. **Anomalies of Refraction and Accommodation.**—A course of four demonstrations, giving practical illustrations of the methods of recognising and treating these conditions. } **Dr. Buller.**

9. **Practical Ophthalmoscopy.**—To consist of a series of demonstrations and practical exercises in the use of the Ophthalmoscope. } **Dr. Buller.**

10. **Laryngoscopy and Rhinoscopy.**—A course of demonstrations and exercises in the use of the Laryngoscope and Rhinoscope. } **Dr. Major.**

11. **Electro-Therapeutics.**—Students will be practically trained in the method of using the different forms of electricity in the treatment of disease. } **Dr. Stewart.**

12. **Applied Anatomy—Medical and Surgical.**—Surface-marking, Brain and Spinal Cord, Larynx, Thorax, Abdomen, Genito-Urinary Organs, Surgical Spaces. } **Dr. Finley.**

13. **Minor Surgery.**—Including Bandaging, Application of Splints, Haemostatics, Catheterism, Artificial Respiration, &c. } **Dr. Sutherland.**

14. **Clinical Chemistry.**—A course of twelve demonstrations, designed to familiarise students with the more recent and approved methods of examining chemically, abnormal secretions, morbid products, &c., at the bedside. } **Dr. Ruttan.**

15. **Morbid Anatomy.**—Consisting of systematic demonstrations upon post-mortem methods and pathological anatomy in the section-room of the General Hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations..... } **Drs. Johnston and Finley.**

†16. **Practical Materia Medica.**—A fee sufficient to cover the cost of material will be charged for this course..... } **Dr. Stewart.**

17. **Heredity.**—A course of 8—12 lectures on the Laws of Heredity in Health and Disease..... } **Dr. Mills.**

18. **A Practical Course** in the qualitative and quantitative estimation of the more important constituents of the urine, and the rapid detection of the common poisons. A small fee will be charged to cover cost of material.

19. **Clinical Minor Surgery**..... } **Dr. R. J. B. Howard.**

SESSION 1888-89.

STUDENTS IN MEDICINE.

Adams, W. L., San Francisco, U. S.	Ellis, W. L., St. Johns, N.B.
Addy, G. A. B., St. John, N.B.	England, W. S., Dunham, Q.
Akerly, A. W. K., Fredericton, N.B.	Esson, A. C., Halifax, N.S.
Alexander, W. W., Stanhope, P.E.I.	Esson, F. G., Halifax, N.S.
Anderson, N., Montreal, Q.	Evans, D. J., Montreal, Q.
Ault, C. A., Oshkosh, Wis.	Farwell, W. A., Lennoxville, Q.
Ault, C. R., Tilsonburg, Ont.	Fletcher, R. W., Londonderry, N.S.
Aylen, W. W., Aylmer, Q.	Fulton, J. A., Franklin Centre, O.
Bayne, C. W., Merivale, O.	Garrow, A. E., Ottawa, O.
Beaman, W. H., Montreal, Q.	Gemmill, E. W., Almonte, Q.
Beers, A. H., Montreal, Q.	Gibson, R. J., Clinton, O.
Bennie, R., Riverfield, Q.	Glendenning, R. F., Truemanville, N.S.
Berwick, G. A., Farnham, Q.	Grafton, E. A., Montreal, Q.
Berwick, R. H., Farnham, Q.	Graham, W. C. K., Prescott, O.
Binnane, J. E., Montreal, Q.	Grant, H. A., Pembroke, O.
Bissett, C. P., River Bourgeois, N.S.	Gorrell, A. S., Brockville, O.
Booth, J. S., Montreal, Q.	Green, T. J., Appleton, O.
Bowen, G. A., Compton, Q.	Halliday, V., Peterboro', O.
Bowes, E. J., Ottawa, O.	Hamilton, H. D., Montreal, Q.
Bowie, R. A., Brockville, O.	Hamilton, W. F., Sackville, N.B.
Boyce, B. F., Northam, O.	Harris, N. M., Ormstown, Q.
Broderick, E. J., Fredericton, N.B.	Harrison, J. D., Fredericton, N.B.
Brouse, J. E., Brockville, O.	Hattie, W. H., New Glasgow, N.S.
Brosseau, J. A., Ottawa, O.	Hayes, J., Nelson, N.B.
Brown, F. W. A., Brockville, O.	Hayes, Jno., Richmond, Q.
Brown, W. A., Chesterville, O.	Hayes, P. J., Montreal, Q.
Brown, G. A., Charlottetown, P.E.I.	Henderson, J., Warkworth, O.
Brue, D. A., Grand View, U.S.	Hilton, W. L., Montreal, Q.
Burnette, J. T., Cornwall.	Hogg, D. H., Stratford, Ont.
Burritt, C. H., Mitchell, O.	Holden, D. B., Montreal, Q.
Busby, J., Pontvieux, O.	Holmes, A. D., Chatham, O.
Calkin, B. H., Kentville, N.S.	Hopkins, F. A., Cookshire, Q.
Campbell, G. G., Truro, N.S.	Hubert, P. T., Harbor Breton, Nfld.
Corbin, F. G., Bedford, N.S.	Hughes, J. M., Chesterville, O.
Carlaw, C. M., Warkworth, O.	Huine, G. L., Leeds, O.
Carmichael, H. B. W., Montreal, Q.	Ibbotson, F. A., Montreal, Q.
Clibut, J. L., Ottawa, O.	Inksetter, W. E., Copetown, O.
Chapman, R. J., Halifax, N.S.	Internescin, A., Montreal, Q.
Clark, J. Troy, O.	Irwin, H., Peinbroke, O.
Clarke, J. W., Tatamagouche, N.S.	Irwin, W. T., Pembroke, O.
Clemesha, J. C., Port Hope, O.	Irving, E. Peinbroke, O.
Clune, P. J., Warkworth, O.	Jack, M. G. DeV., Fredericton, N.B.
Coburn, A. D., Keswick Bridge, N.S.	Jamieson, Thos., Buffalo, N.Y.
Coleman, A. H., Belleville, O.	Jayet, A. A., Montreal, Q.
Connolly, J. A., Lennoxville, Q.	Jenkins, H. E., Conquerell, N.S.
Cooper, W. A. Ormstown, Q.	Jento, C. P., Mollville, O.
Creaser, J. A., Owen Sound, O.	Johnson, Albert, _____, Ont.
Curtis, I. B., Hartland, N.B.	Jones, W. A. Clandeboye, O.
Day, A. R., Guelph, O.	Kee, D. N., Fordyce, O.
Dedney, W. J., Peterboro', O.	Koir, E. J., Princeton, P.E.I.
Delphay, E. V., Erie, Mich.	Kelley, C. L., West Flamborough, O.
Dewar, A., Ormond, O.	Kemp, H. D., Montreal, Q.
Dickson, H. W., Pembroke, O.	
Ellis, T. H., Pembroke, O.	

Kent, H. V., Truro, N.S.
 Kerr, N., Holyrood, O.
 Kerr, W. J., Montreal, Q.
 King, H. S., Sarnia, O.
 Labelle, M. J., Lewis, N.Y.
 Lambert, E. M., Ottawa, O.
 Lang, F. W., St. Marys, O.
 Langley, A. F., Victoria, B.C.
 Lewin, A. A., St. John, N.B.
 Liddell, G. L., Cornwall, O.
 Love, A., New Glasgow, O.
 Lovering, W. T., Northfield, Minn.
 Low, D., Palmerston, O.
 Mader, A. I., New Canada, N.S.
 Mair, A. W., Clinton, O.
 Martin, C. F., Montreal, Q.
 Martin, M. McL., Brown's Creek, P.E.I.
 Martin, J. M., Brown's Creek, P.E.I.
 Martin, S. H., Savage Mines, Que.
 Massiah, W. B. H., Barbadoes, W.I.
 Mathieson, C. S., Harrington, P.E.I.
 Mead, Chas., Morrisburg, Ont.
 Meikle, W. F., Morrisburg, O.
 Mill, J., Aylmer, Q.
 Morehouse, O. E., Gibson, N.B.
 Moore, J. M., Belleville, O.
 Morphy, A. G., London, O.
 Morris, O., Pembroke, O.
 Morris, F., Farewell, N.B.
 Morrow, W. S., Halifax, N.S.
 Moss, J. M., Carleton Place, O.
 Mowat, M. M., Williamstown, O.
 Muirhead, D. A., Carleton Place, O.
 Mulligan, E. A., Aylmer, Q.
 Murray, D. A., Back Meadows, N.S.
 Murray, M. W., Beachwood, O.
 Mutel, P. R., St. Johns, N.B.
 McCann, E., Smith's Falls, O.
 McCrimmon, A. A., St. Thomas, O.
 McCurdy, T., Ormstown, Q.
 McDonald, M. S., Scotchtown, O.
 McDonald, H. N., Lagran, O.
 McDonald, G., Renfrew, O.
 McDonald, A., Iroquois, O.
 McDonald, P. A., Alexandria, O.
 McEown, F., Winnipeg, Man.
 McEwen, H., Carleton Place, O.
 McGauran, G. F., Richmond, Q.
 McGregor, J. G., Martintown, O.
 McGuire, J. C., Trenton, O.
 McHarg, R. F., Leeds, Ont.
 McIntosh, D. H., Carleton Place, O.
 McKay, D. T., Clifton, P.E.I.
 McKay, H. H., Pictou, N.S.
 McKee, G. L., Contieook, Q.
 McKechnie, R. E., Winnipeg, Man.
 McKenty, J. E., Richmond, Q.
 McKenzie, P. J., Melbourne, Q.
 McKenzie, R. T., London, O.
 McKercher, H., Stittsville, O.
 McKinnon, T. H., Lockport, N.S.
 McKinnon, A. J., Kinross, O.
 McLellan, A. C., Indian River, P.E.I.
 McLellan, A. A., Summerside, P.E.I.
 McLoenian, D. A., Fournier, O.
 McLeod, H. S., Dunstaffnage, P.E.I.
 McManus, H. D., Fredericton, N.B.
 McMillan, J. H., Pictou, N.S.
 McNally, H., Fredericton, N.B.
 McPhillips, X., Winnipeg, Man.
 Noble, C. T., Sutton, O.
 O'Connor, C., Worcester, Mass.
 Oliver, A. J., Cowansville, Q.
 Outwater, S. W., Plainfield, O.
 Palmer, P. E., Riverside, N.B.
 Park, G. H., Quebec, Q.
 Paterson, L., Harbor Grace, Nfld.
 Patton, H. M., Winnipeg, Man.
 Peake, J. P., Fredericton, N.B.
 Phelan, E. D., Montreal, Q.
 Philp, W. S., Montreal, Q.
 Reed, T. B., Montreal, Q.
 Reid, J. T., Montreal, Q.
 Richards, S., Ottawa, O.
 Robertson, T. F., Brockville, O.
 Robertson, W., Chesterfield, O.
 Robertson, E. A., Lennoxville, Q.
 Richardson, W. B., Chicago, Ill.
 Robinson, B. E., Orillia, O.
 Rodgers, W., Montreal, Q.
 Ross, J., Halifax, N.S.
 Ross, H. R., Quebec, Q.
 Scovil, W. T., Fredericton, N.B.
 Shanks, A. L., Huntingdon, Q.
 Smith, T. H., North Sidney, C.B.
 Smith, W. D., Plantagenet, O.
 Smith, C. F., West Winchester, O.
 Smith, A. G., St. Marys, O.
 Sparling, A. J., Pembroke, O.
 Spier, J. R., Lindsay, O.
 Springle, J. A., Clarenceville, Q.
 Swail, Wm., Montreal, Q.
 Taplin, M. M., Addison, Q.
 Taylor, J. N., Ottawa, O.
 Taylor, T. T., Montreal, Q.
 Telfer, W. J., Burgoine, O.
 Thompson, F. E., Quebec, Q.
 Thompson, J., Moulinette, O.
 Tremblay, L., Ottawa, O.
 Troy, W., Valleyfield, O.
 Tunstall, A., Montreal, Q.
 Vipond, A. G., Montreal, Q.
 Walker, W. G., Stratford, O.
 Walsh, T. N., Ormstown, Q.
 Walsh, W. E., Ormstown, Q.
 Wasson, H. J., Peterboro', O.
 Watson, N. M., Williamstown, O.
 Webster, R. E., Brockville, O.
 Wheeler, C. L., Montreal, Q.
 White, D. D., Montreal, Q.
 Whyte, J. J., Lunenburg, O.
 Wilson, W. A., Derby, N.B.
 Williamson, H. M., Guelph, O.
 Williamson, W. P., Chatham, O.
 Woodruff, E. H., St. Catharines, O.
 Yates, H. B., Brantford, Ont.
 Yorston, F. S., Truro, N.S.

XIX.

LIST OF PRIZEMEN AND MEDALLISTS IN THE
MEDICAL FACULTY.

In 1855 the examinations were divided into Primary and Final, and prizes were established for the best Thesis and for the best Examination in the Primary and Final branches.

In 1865 the Holmes' Gold Medal was established in honour of Dr. Holmes, and is given for the best examination in both Primary and Final branches.

The following is the List with the present addresses of the recipients:—

1854. FOR GENERAL PROFICIENCY.—*1st Prize*—Robert Craik, Montreal.
2nd Prize—Thomas Simpson, Montreal.

1855. THESIS.—James McG. Stevenson, Bryanston, Ont.
Final Examination.—James McG. Stevenson, Bryanston, Ont.
Primary Examination.—Walter J. Henry.*

1856. THESIS.—Walter James Henry,* and W. J. Jones, Prescott, O.
Final Examination.—E. Laberge.*
Primary Examination.—Hon. Levi R. Church, Montreal, Q.

1857. THESIS.—Hon. Levi R. Church, Montreal, and D. T. Robertson, Lennoxville, Q.
Final Examination.—Hon. Levi R. Church, Montreal, Q.
Primary Examination.—James Kerr.*

1858. THESIS.—Timothy F. English,* and W. F. Taylor, Peterboro', O.
Final Examination.—Wm. Harkin.*
Primary Examination.—Wm. Harkin.*

1859. THESIS.—Edward W. Smith.*
Final Examination.—James J. O'Dea, Stapleton, Staten Island, New York.
Primary Examination.—Henry Warren.*

1860. THESIS.—J. W. Pickup.*
Final Examination.—Henry Warren.*
Primary Examination.—Joseph M. Drake,* and Fred. Sutherland.*

1861. THESIS.—Joseph M. Drake,* F. J. Austin, Sherbrooke, Q., and D. L. Philip, Brantford, O.
Final Examination.—Joseph M. Drake.*
Primary Examination.—Thos. C. Walton, Inspector U.S. Navy, Annapolis, Md.

1862. THESIS.—R. M. Bucke, London, O.
Final Examination.—John A. Stewart.*
Primary Examination.—John J. Marston, U. S. Army.

1863. THESIS.—Wm. C. Gustin.*
Final Examination.—J. J. Marston, U. S. Army.
Primary Examination.—R. A. Kennedy,* and Peter A. McDougall, Ottawa, and C. F. Bullen.*

1864. THESIS.—W. W. Squiré.*
Final Examination.—D. Howard Harrison, Winnipeg.
Primary Examination.—Kenneth Reid, New York.

1865. HOLMES' GOLD MEDAL.—E. P. Hurd, Newburyport, Mass.
Final Examination.—H. L. Vercoe.*
Primary Examination.—George Ross, Montreal, and W. Gardner, Montreal.

1866. HOLMES' MEDALLIST.—George Ross, M.A., Montreal, Q.
Final Examination.—William Gardner, Montreal, Q.
Primary Examination.—Clinton W. Kelly, Louisville, Ky.

1867. HOLMES' MEDALLIST.—Clinton W. Kelly, Louisville, Ky.
Final Examination.—C. W. Kelly, Louisville, Ky.
Primary Examination.—Wm. Henry Patterson.

1868. HOLMES' MEDALLIST.—T. G. Roddick, Montreal, Q.
Final Examination.—T. G. Roddick, Montreal, Q.
Primary Examination.—Andrew Harkness, Lancaster, O.

1869. HOLMES' MEDALLIST.—T. D. Lucas.*
Final Examination.—Andrew Harkness, Lancaster, O.
Primary Examination.—Alexander A. Henderson, Ottawa, O.

1870. HOLMES' MEDALLIST.—A. A. Henderson, Ottawa, O.
Final Examination.—O. H. E. Clarke, St. Louis, Mo.
Primary Examination.—J. H. Mathieson, St. Mary's, O.

1871. HOLMES' MEDALLIST.—J. H. Mathieson, St. Mary's, O.
Final Examination.—H. P. Wright, Ottawa, O.
Primary Examination.—Thomas Kelly, Omaha.

1872. HOLMES' MEDALLIST.—Hamilton Allan, Oeonto, Wis.
Final Examination.—G. A. Starke, Milwaukee.
Primary Examination.—F. J. Shepherd, Montreal.
 SPECIAL PRIZE FOR THESIS.—W. Osler, Baltimore, Md.

1873. HOLMES' MEDALLIST.—Thomas Kelly, Omaha.
Final Examination.—D. A. Alguire, Cornwall, Ont.
Primary Examination.—J. D. Cline, B.A.*

1874. HOLMES' MEDALLIST.—J. D. Cline, B.A.*
Final Examination.—J. C. Cameron, Montreal.
Primary Examination.—Simon J. Tunstall, B.A., Lytton, B.C.

1875. HOLMES' MEDALLIST.—S. J. Tunstall, B.A., Lytton, B.C.
Final Examination.—J. B. Benson, Chatham, N.B.
Primary Examination.—C. H. Murray, B.A.* ; R. H. W. Powell, Ottawa, Ont.

1876. HOLMES' MEDALLIST.—Robert H. W. Powell, Ottawa, O.
Final Examination.—Chas. H. Murray, B.A.*
Primary Examination.—Alex. C. Fraser, Manitowoc, Wis.
SPECIAL PRIZE FOR THESIS.—R. L. MacDonnell, B.A., Montreal.

1877. HOLMES' MEDALLIST.—James Bell, Montreal, Q.
Final Examination.—W. D. Oakley, Streetsville, O.
Final Examination.—H. N. Vineberg, New York.

1878. HOLMES' MEDALLIST.—H. N. Vineberg, New York.
Final Examination.—T. W. Mills, M.A., Montreal.
Primary Examination.—W. R. Sutherland, Montreal.
SUTHERLAND GOLD MEDAL.—J. M. Lefebvre, Brockville, O.

1879. HOLMES' MEDALLIST.—J. B. Lawford, London, Eng.
Final Examination.—A. W. Imrie, Detroit.
Primary Examination.—J. A. McDonald, Montreal.
SUTHERLAND GOLD MEDAL.—W. L. Grey, Pembroke, O.

1880. HOLMES' MEDALLIST.—J. A. McDonald, Montreal.
Final Examination.—H. B. Small, Ottawa.
Primary Examination.—James Ross, B.A., Dundas, O.
SUTHERLAND GOLD MEDAL.—H. W. Thornton, B.A., New Richmond, Q.

1881. HOLMES' MEDALLIST.—James Ross, B.A., Dundas, O.
Final Examination.—John W. Ross, Cohoes, N.Y.
Primary Examination.—R. J. B. Howard, B.A., London, Eng.
SUTHERLAND GOLD MEDAL.—C. E. Cameron, Montreal.

1882. HOLMES' MEDALLIST.—R. J. B. Howard, B.A., London, Eng.
Final Examination.—Henry V. Ogden, B.A., Milwaukee, Wis.
Primary Examination.—George A. Graham, Hamilton, O.
SUTHERLAND GOLD MEDAL.—Wyatt G. Johnston, Montreal, Q.
MORRICE SCHOLAR.—Wyatt G. Johnston, Montreal, Q.

1883. HOLMES' MEDALLIST.—C. E. Cameron, Montreal.
Final Examination.—L. B. Loring, Sherbrooke, Q.
Primary Examination.—Ed. G. Wood, Mitchell, O.
 SUTHERLAND GOLD MEDAL.—R. F. Ruttan, B.A., Montreal, Q.
 MORRICE SCHOLAR.—R. F. Ruttan, B.A., Montreal, Q.

1884. HOLMES' MEDALLIST.—Wm. A. Ferguson, Bathurst, N.B.
Final Examination.—James P. McInerney, Kingston, N.B.
Primary Examination.—Smith Gustin, Bay City, Mich.
 SUTHERLAND GOLD MEDAL.—John Elder, B.A., Huntingdon, Q.

1885. HOLMES' MEDALLIST.—Edwin G. Wood, Mitchell, O.
Final Examination.—Smith Gustin, Bay City, Mich.
Primary Examination.—Ed. J. Evans, La Crosse, Wisc.
 SUTHERLAND GOLD MEDAL.—H. A. Lafleur, Baltimore, Md.

1886. HOLMES' MEDALLIST.—Herbert S. Birkett, Montreal, Q.
Final Examination.—Walter W. White, M.A., St. John, N.B.
Primary Examination.—Walter I. Bradley, Sault St. Marie.
 SUTHERLAND GOLD MEDAL.—Walter I. Bradley, Sault St. Marie.

1887. HOLMES' MEDALLIST.—Ed. Evans, La Crosse, Wisc.
Final Examination.—Henri A. Lafleur, B.A., Baltimore, Md.
Primary Examination.—A. E. Garrow, Ottawa.
 SUTHERLAND GOLD MEDAL.—John Creasor, Owen Sound, O.

1888. HOLMES' MEDALLIST.—N. D. Gunne, St. Marys, O.
Final Examination.—W. G. Stewart, Montreal, Q.
Primary Examination.—R. E. McKechnie, Winnipeg.
 SUTHERLAND GOLD MEDAL.—C. W. Bissett, River Bourgeois, N. S.

1889. HOLMES' MEDALLIST.—Alex. E. Garrow, Ottawa, O.
Final Examination.—Hugh McKercher, Point Edward, O.
Primary Examination.—Wm. Alfred Brown, Chesterville, O.
 SUTHERLAND GOLD MEDAL.—John C. Clemesha, Port Hope, O.

* Deceased.

HOW TO BECOME A REGISTERED PRACTITIONER.

The possession of an M.D. degree does not entitle the holder to practice. He must be *registered*. In the Provinces of the Dominion, with the exception of Ontario, the possession of a Degree in Medicine from a recognized University entitles the holder to register. In *Quebec*, graduates of the Universities of the province must appear in person at the May or September meeting of the Board, and present and swear to their diplomas. Registration is granted only at these periods. It is optional with the Board whether the holder of a degree from a Canadian University outside the Province of Quebec can register without further examination. In some cases the examination has been enforced. In *Ontario*, the examination of the College of Physicians and Surgeons of the province must be passed before registration. The examination is held every spring. In *Manitoba* and *British Columbia*, it is necessary to undergo an examination before registration. In *Nova Scotia* and *New Brunswick*, the provincial boards accept the degrees of Canadian Universities without examination. *Prince Edward Island* has as yet no Medical Board. In most of the *West India Islands* a certificate of registration in one of the Provinces of the Dominion entitles the holder to practice.

In the *United States*, holders of Canadian degrees in medicine can practice without additional examination or study. In many of the States, Medical Boards now exist similar to those in our Provinces, and the degree must be registered before a license to practice can be obtained. The custom varies in different States.

In *Great Britain*, colonial or foreign degrees are not registerable, except in the case of the University of Melbourne, and of holders of colonial degrees prior to 1850. To enable a colonial graduate to register, the examination of one of the numerous Licensing Boards must be passed.

A Graduate in Medicine of an American College, in order to register in any of the Provinces in the Dominion, must, (a) unless the holder of an Academical Degree, pass the Matriculation examination of the provincial Board; (b) attend some one of the Medical Schools in order to complete the curriculum (four years) required by the Boards, and (c) pass the professional examinations.

DOCTORS IN MEDICINE.

Aborn, W. H.	St. Pauls, Minn	1887	*Bomberry, Geo. E.	1875
Addison, Jas. L.	St. George O	1884	Bonesteel, S. A.	Colombus, Neb 1881
*Adsets, John	Stearns Co., Minn	1866	Boone, S. W., B.A.	Fredericton, N.B. 1887
Alexander, Robert A.	Grimsby, O	1871	Booth, J. S.	Montreal, Q 1889
Alguire, Duncan O.	Cornwall, O	1873	Boulter, Geo. H.	Stirling, O 1852
Allard, Henry	Beloil, Q	1866	Bowser, J. C.	Kingston, N.B. 1883
†Allan, Hamilton	Tacoma, W. T	1872	*Boyer, Louis	1842
Allan, J. H. B.	Montreal	1885	Boyd, Jay.	Vankleek Hill, O 1887
Allen, C. E.	Swanton, Vt	1883	*Boylan, Andrew A.	1857
Alloway, Thomas	Johnson, Montreal	1860	Boyle, Albert D.	Carbonear Nfld 1877
*Anderson, John C.		1865	*Bowman, William E.	1860
Anderson, Alex.	Med. Dept. Indian Army	1866	Bowen, W., B.A.	Knoxville, Tenn 1887
Archer, Ths.	Wandsworth, Eng	1869	Bower, Silas J.	Waddington, N.Y 1865
Ardagh, Johnson	Orillia, O	1869	*Bradley, William	1889
Armitage, J. H.	Waterloo, O	1886	Bradley, W. J., B.A.	Carleton Pl., O 1888
Armstrong, Geo. E.	Montreal	1877	*Braithwaite, Francis H.	1863
*Arnoldi, Daniel (Hon.)		1847	Brandon, John	Ancaster, O 1867
Arthur, R. H.	Chapleau, O	1885	Breslin, William L.	46th Regiment 1847
Atkinson, Robert		1862	Brigham, Josiah S.	Philippsburg, Q 1848
Ault, Charles	Montreal	1855	Brissette, Henry R.	Lowell, Mass 1871
*Ault, James F.		1855	*Bristol, Amos S.	Napane, O 1850
Ault, Alexander	Oshkosh, Wis	1860	Brodeur, Alphonse	Roxton Falls, Q 1863
Ault, Edwin D.	Aultsville, O	1868	Brodie, John	Honolulu, Sdwh Isl 1877
Austin, Fred. John	Sherbrooke, Q	1862	Brooks, Samuel T.	St. Johnsbury, Vt 1852
Ayer, N., M.A.	Sackville, N.B	1880	*Brouse, William H.	1847
Aylen, John	Aylmer, Q	1857	Brouse, Jacob E.	Brockville, O 1861
Aylen, James	Aylmer, Q	1863	Brossard, J. B. J.	Laprairie, Q 1875
Aylen, P.	Battleford, N.W.T	1886	Brown, G. A.	Montreal, Q 1889
Aylen, W. W.	Aylmer, Q	1889	Brown, Peter E.	Montreal, Q 1863
Baekhouse, J. B.	Braidwood, Ill	1870	Brown, Harry	405 W. Washington St., Chicago 1873
Baer, D. C.	Summerfield, Ill	1888	Brown, J. L.	Plattsburgh, O 1879
Bain, D. S. E., Staff Surgeon Maj.		1868	Browne, Thos. L.	Melbourne, Q 1881
Bain, Hugh U.	Prince Albert, Man	1874	Brown, Chs. O.	Broome, P.Q. 1882
Baird, James G.	Pakenham, O	1870	Browne, Arthur A., B. A.	Montreal 1872
Baird, T. A. D.	Bay City, Mich	1885	Brunace, Adolphe	Sorel, Q 1853
Baker, Albert	Dawlish, Devon	1848	*Brunneau, Oliver T. (Hon.)	1843
Barelay, George	Parkhill, O	1870	*Bruncean, Onésime	1851
*Barnston, James (ad. eun.)		1856	Bryson, William G.	Ferelon Falls, O 1867
Barrett, Jos. A.	Cresco, Iowa	1884	*Bucke, Edward H.	1852
Battersby, Charles	Port Dover O	1861	Bucke, Richard Maurice	London, O 1862
Baynes, Geo. Aylmer	Montreal, Q	1849	*Buckle, John M. C.	1869
Baynes, Donald, M.A.	Londou, Eng	1876	Buckley, William P.	Prescott, O 1870
Beatty, D.	Richmond, Carl. Co., O	1862	Bull, George J.	New York 1869
*Beaudette, Alfred		1865	*Bullen, Charles F.	1861
Beaupre, Louis B.	St. Césaire, Q	1871	Butler, Frank	Montreal 1879
Beckstead, M.	Lisbon Centre, St.		Burgess, J. A.	Listowel, O 1868
	Law Co., N.Y	1878	Burch, B. F.	Walla Walla, Wash. Ter 1866
*Bell, John, M.A.		1866	*Burland, John H.	1863
Bell, Robert W.	Peterboro', O	1873	Burland, William B.	Montreal 1872
†Bell, James	Montreal	1877	Burland, William H.	Wilshton, Fla 1875
Bell, Robert, C.E.	Ottawa	1878	Burland, Samuel C.	Chester, Penn 1877
Bell, J. H., B.A.	Montreal, Q	1888	Burland, Benj. W.	Mineville, N.Y. 1882
Belleau, Alfred	Quebec	1862	Burrows, Philip P.	Lindsay, O 1866
*Bergeron, Joseph		1870	Burrows, F. N.	Montreal, Q 1885
Bergin, Darby	Cornwall, O	1847	*Burnham, Robert Wilkins	1869
Berry, J. A.	Seelye's Bay, O	1887	*Burns, Alfred J.	1854
Berry, R. P.	Lindsay, O	1888	Burritt, Horatio C.	Toronto, O 1863
Bessey, William E.	Toronto, O	1863	Burwash, Hy. J.	Milw. Ave., Chicago 1879
Bender, Prosper	Boston, Mass	1865	*Butler, George C.	1865
Benson, Joseph B.	Chatham, N.B	1875	Butler, Bill F.	Stirling, O 1879
*Bibaud, Jean G.		1843	*Buxton, John N.	1879
†Birkett, H. S.	Montreal, Q	1886	Calahan, James	Wyandotte, Mich 1880
Blackader, Alex. D., B.A.	Montreal	1871	Cameron, James C.	Montreal 1874
Blackader, E. H. P., B.A.	Montreal	1887	Cameron, Duncan H.	Portland, Ore 1877
Blacklock, John J.	Chesterville, O	1851	Cameron, John D.	Norway, Mich 1878
*Blanchet, J. B.		1863	Cameron, Paul	Alexandria, O 1881
Blair, Robt. C.	Three Rivers, Q	1865	*Cameron, Chas. E.	Montreal 1883
*Bligh, John W.	Mene, O	1859	Cameron, D. A.	Alpena, Mich 1885
Bogart, Irvine D.		1865	Cameron, K., B. A.	Montreal 1887
Boggs, G. W.	Parsboro', N.S	1880	Cameron, J. J.	Lancaster, 1888

*Campbell, G. W., M.M., (ad eun), 1843
 *Campbell, Donald Peter, 1860
 Campbell, G. G., B. Sc., Montreal, Q 18*9
 Campbell, A. W., Montreal, Q 1886
 Campbell, Francis Wayland, Montreal 1860
 *Campbell, Samuel, 1866
 Campbell, John, Seaforth, O 1869
 Campbell, J., Monee Pond, Australia 1876
 Campbell, Lorne, Montreal, Q 1882
 Cannon, Gilbert, Almonte, O 1877
 Carmichael, D. A., Mar. Hosp. Serv., Cairo, Ill 1873
 Carey, Augur, D.L (ad eun), 1864
 Carman Philip E., Detroit, Mich 1879
 Cassidy, David M., Med. Supt. County Asylum, Lancaster, Eng 1867
 Cassidy, Geo. A., Goldstone, O 1885
 Cassidy, John F., Goderich, O 1855
 *Carroll, Robert W. W., 1859
 Carruthers, Geo., Montreal, Q 1883
 Carson, J. H., Lake Park, Minn 1881
 *Carson, Augustus, 1843
 Carter, Samuel A., Meadow Vale, O 1851
 Carter, L. H., Picton, O 1888
 Case, W. Hermanus, Hamilton, O 1879
 Casgrain, Chas. E., Hon. Windsor, O 1851
 Castleman, A. L., E. Williamsburg, O 1888
 Cattanach, Andrew J., Denver, Col 1871
 Cattanach, A. M., Dalhousie Mills, O 1882
 Cattanach, W. S., Glen Water, O 1886
 Chagnon, V. G. B., Fall River, Mass 1861
 Chatmers, W. W., B.A., Magog, Q 1888
 *Chaliner, Francis, 1849
 Cherry, William, Toledo, Ohio 1869
 *Chesley, George Ashbold, 1862
 Chevalier, Gustave, Bedford, Q 1860
 Chevalier, Napoléon E., Iberville, Q 1873
 Chipman, C. J. H., B.A., Ottawa, O 1868
 *Chisholm, Alex., Alexandria, O 1878
 Chisholm, Murdoch, Bay Roberts, Nfld 1879
 Christie, George H., Lachute, Q 1872
 Christie, John B., Palaluma, Sonora Co., Cal 1865
 Christie, Thomas, Lachute, Q 1848
 *Christie, John H., B.A., 333 West 22nd st., Chicago, Ill 1875
 Christie, W., B.A., Lachute, Q 1887
 Christie, Edmund, Chicago, Ill 1882
 *Church, Charles H., 1862
 Church, Clarence R., Ottawa, O 1868
 Church, Collier M., Aylmer, Q 1855
 Church, F. W., Aylmer, Q 1889
 Church, Levi R., Hon. Montreal, Q 1857
 Church, Mills K., Merrickville, O 1861
 Church, John J. R., Aylmer, Q 1881
 *Church, Peter H., 1846
 Clarke, Hy. J., Winnipeg, Man 1841
 Clarke, Octavius H. E., Cohoes, N.Y 1870
 Clarke, Wallace, B.A., Utica, N.Y 1871
 Clarke, Henry J., Pembina, Ink 1841
 Clarke, Richard A., Essex Co., O 1870
 Clarke, F. G. B., Fordwych Road, Kilburn, London, Eng 1876
 Clarke, J. L., Waterloo, Q 1886
 Clemens, John W., Port Hope, O 1867
 Clement, Victor A., St. Guillaume, O 1836
 *Cline, John D., B.A., 1871
 Clouston, J. R., Howick, Q 1888
 Clunes, Daniel, Nambour, B.C 1870
 Codd, Alfred, Winnipeg, Man 1845
 *Collins, Charles W., 1869
 Collison, R., Norfolk, St. Law. Co., N.Y 1878
 *Columbien, George, 1876
 Connell, John B., St. David, Q 1870
 Conroy, C. P., Martintown, O 1888
 Cook, Guy R., B.A., Louisville, N.Y 1876
 Cook, Hartman L., Napance, O 1841
 Cook, Sheldon E., Aultsville, O 1884
 Cooke, Charles H., Toronto, O 1866
 Cooke, Sydney P., Hull, Q 1869
 Cooke, W. H., Wolfston, Q 1876
 Copeland, Wm. L., 719 W. Washington st., Chicago, Ill 1872
 *Corbett, A. P. M., 1854
 Corbett, Wm. H., Brig. Surg. Army
 Corlis, Josiah, Med. Dept 1854
 Cormack, Wm., St. Thomas, O 1869
 *Corsan, John, Morristown, O 1881
 Corsan, Douglas, Montreal, Q 1885
 Cotton, C. L., Cowansville, Q 1887
 Cousins, W. C., Ottawa, O 1882
 Cowie, A. M., Vancouver, B. C. 1887
 *Cowley, Thomas McJ., 1870
 Cowley, D. K., Granby, Q 1880
 Cox, Frank, Charlottetown, P.E.I 1869
 Coyle, Henry W., Montreal, Q 1876
 Craig, Thornton, Capay, Cal 1876
 Craig, M. A., Capay, Cal 1886
 Craik, Robert, Montreal, Q 1854
 Crum, Daniel C., 1872
 *Crawford, James (ad eun), 1854
 Creasor, J. A., B.A., N. Toronto, O 1889
 Crichton, Stuart, Sonora, Cal 1865
 Crockett, W. C., B.A., Fredericton, N.B 1886
 Crothers, William, Stanbridge, Q 1876
 *Culvers, Joseph B., 1848
 *Cunningham, W. C. Thurlow, 1858
 Cutter, Frederick A., Sutton, Q 1873
 Daly, Guy D. F., 1868
 Daly, Walter S., Ogdensburg, N.Y 1885
 *Dansereau, Charles, 1842
 Dansereau, Charles, 1869
 Darye, J. H., Granger, Minn 1885
 Davies, Thomas B., Chelsea, Q 1884
 Davignon, F. F., Leadville, Col 1871
 Dawson, R., B.A., Montreal, Q 1882
 Daze, Henri, Montreal, Q 1885
 Dearden, G. A., Victoria, B.C 1882
 *Dease, Peter Warren, 1847
 DeBonaldi, C. S., Berthier (*en haut*), Q 1862
 DeBoucherville, Charles B., Quebec, Q 1843
 *Decelles, Charles D., 1841
 Decow, D. McG., Montreal, Q 1886
 DelGroboi, T. B., Roxton Falls, Q 1868
 Delaney, W. J., Peterboro', Q 1889
 Demorest, B. G. G., Stirling, Q 1852
 Derby, W. J., Rockland, Q 1882
 *Desaulniers, Antoine A., 1863
 Desmond, F. J., Newcastle, N.B 1888
 Dewar, C. P., Ottawa, O 1888
 Dibblee, G. G., Moor's Mills, N.B 1880
 *Dice, George, 1864
 *Dicker, James R., 1842
 *Dickinson, James S., 1816
 *Dickinson, George, 1868
 Dickson, William W., Pembroke, O 1853
 Dickson, J. A., Hemmingford, Q 1887
 Dighy, F. Winniett, Brantford, Q 1883
 *Dodd, John, 1864
 *Doherty, W. W., Campbellton, N.B 1885
 Donnelly, C. H., Waresville, Texas 1860
 *Dorion, Sévère, 1843
 *Dorland, Enoch G., 1850
 Dorland, James, Milwaukee, Wis 1875
 Dougan, Wm., St. Catherines, O 1867
 Douglas, James, Hon. 1817
 Dowling, John F., Eganville, O 1875
 *Drake, Joseph M., 1881
 Dubre, Charlemagne, Montreal, Q 1864
 *Ducket, Stephen, 1853
 Duckett, William A., Montreal, Q 1889
 Duford, Thadée A., St. Sébastien, Q 1865

Duhamel, Louis,	Hull, Q	1860	Gale, Hugh,	Bay City, Mich	1882
Duncan, Geo.,	Fareham, Hants, Eng	1866	*Garvey, Joseph,		1852
Duncan, Gideon M.,	Bathurst, N.B	1871	Gardner, H. H.,	San Francisco, Cal	1878
Duncan, George C.,	London, Eng	1875	Gardner, John J.,	Montreal	1883
Duncan, James S.,	Surg.-Maj. Army	1858	Gardner, Matthew,	Sacramento, Cal	1871
*Duncan, John,			Gardner, William,	Montreal	1867
Duncan, John A.,	Moose Jaw, N.W.T	1884	Gardner, A. W.,	Montreal, Q	1887
Duncan, W. T.	Fergus Falls, Minn	1882	Gairdner, T. M.,	York, Neb	1886
Dunlop, H. A.,	Crookston, Minn	1882	Garraway, A. E.,	Ottawa, O	1889
*Dunn, William Oscar		1843	*Gaseigne, Geo. E.,		1861
Dunsmore, John M.,	Stratford, O	1870	Gaviller, Edwin A.,	Hamilton, O	1873
Dupuis, Joseph B.,	Clarenceville, Q	1856	*Gauvreau, Elzear,		1855
Easton, John,	Brockville, O	1852	*Gauvreau, Lewis H.,		1826
Easton, C. L.,	Smith's Falls, O	1887	Gemmill, E. W.,	Almonte, O	1889
Eberle, Harry A.,	Kansas City, Mo	1876	Gendron, Thomas,	St. Raymond, Q	1866
Eberts, D. W.,	Victoria, B. C	1885	Gernon, George W.,	Marieville, Q	1872
Edgar, C. J.,	Inverness, Q	1887	*Gibb, George D.,		1846
Edwards, Eliphilet G.,		1855	Gibson, John B.,	Cowansville, Q	1855
Edwards, J. S.,	London, O	1880	Gibson, W. B.,	Burlington, Vt	1878
Edwards, Oliver C.,	Qu'Appelle,		*Gibson, Edward B.,		1864
	N.W.T	1873	Gibson, J. B.,	Burlington, Vt.	1886
Elder, John B. A.,	Huntingdon, Q	1855	*Gilbert, Henry L.,	Sherbrooke, Q	1875
Elderkin, Edwin J.,	Avondale,		Gillis, John A. F.,	Summerside, P.E.I	1877
	Hants Co., N.S	1884	Gillies, John,	Teeswater, O	1867
Elkinton, A. G.,	Sur. Maj. Gren. Grds	1862	Gilmour, Angus A.,	Modesto, Cal	1868
Ellison, S. R.,	268 W 43rd St N Y	1873	*Giroux, Philippe,		1859
Ellis, W. E.,	St. Catharines, O	1887	Girdwood, Gilbert P.,	Montreal	1889
Emery, Gorden J.,	Minneapolis, Minn	1887	Gladman, G. J.,	East Syracuse, N.Y	1886
England, W. S.,	Montreal, Q	1889	Glen, C. W. E.,	Chambly, Q	1858
*English, T. F.,		1858	Godfrey, Robert,	Montreal	1814
*Erskine, John,		1860	Godfrey, Abraham C.,	Freemantle,	
Esson, F. G.,	St. John, N.B	1889		Southampton, Eng	1865
Etthier, Calixte,	St. Eugene, Q	1867	*Goodhue, P. J.,		1875
Evans, Griffith	Vet. Dept. Army		Godforth, Franklin,	Runcorn,	
tEvans, E. J.,	Woolwich, Eng	1864		Chester, Eng	1863
Ewing, William,	Lacrosse, Wis	1887	Gooding, Chs. E.,	St. Philip, Barbadoes,	
	Hawkesbury, O	1873			W 1884
Falkner, Alexander,	Lancaster, O	1866	Goodwin, W. W.,	Baie Verte, N.B	1888
Falls, Samuel K.,	Chicago	1878	Gordon, C. M.,	Aylwin O	1881
Farewell, G. McGill,	Princeton, O	1872	Gordon, Robert,	Arlington, Ill	1868
Farewell, W. G.,	Oshawa, O	1868	*Gordon, W. W.,		1863
Farley, Jas. T.,	Fremont Centre, Mich	1877	Graham, Charles E.,	Hull, Q	1865
Farley, John J.,	Belleville, O	1873	Graham, George A.,		1884
Faulkner, George W.,	Stirling, O	1871	*Graham, Henry,		1863
Faulkner, D. W.,	Foxboro', O	1878	Graham, Kenneth D.,	Ottawa, O	1875
Feader, H. C.,	Chicago, Ill	1881	Graham, J.,	Westmount, O	1886
Feilde, E. C.,	Prescott, O	1886	Grant, Donald J.,	Woodbridge, O	1863
Fenwick, Geo. E.,	Montreal	1847	Grant, James A., Sir,	Ottawa, O	1854
Ferguson, Alex. R.,	Dalhousie Mills, O	1866	Grant, Jas. A., Jr., B.A.,	Ottawa, O	1882
tFerguson, Wm. A. B.A.,	Rochester, U.S	1884	Grant, William,	Perth, O	1867
Ferguson, W. D. T.,	Cumberland, O	1888	Grant, J. H. Y.,	Buffalo	1886
Fillmore, E. W.,	Spencer's Isl., N.B	1887	Gray, John S.,	Winnipeg, Man	1876
Finley, F. G.,	Montreal	1885	Gray, Thomas,	St. Mary's, O	1879
*Finlayson, John,		1831	Gray, James,	Minneapolis	1883
Piunie, John T.,	Montreal	1869	Gray, W. L.,	Pembroke, O	1881
*Fisher, John,		1847	Greaves, Henry C.,	Barbadoes	1877
*Fitzgerald, James,		1865	Greenwood, F. S.,	St. Catharines, O	1878
Flagg, J. D.,	125 Eagle st., Buffalo, N.Y	1887	Greer, T. A., C.S. Minia, Halifax, NS	1876	
Fortune, Louis M.,	Huntingdon, Q	1873	*Groulx, L. P. A.,		1863
Fortin, Pierre,	Mont. cal, Q	1845	Groves, George H.,	Carp, O	1879
*Foster, Stephen Sewell,			Groves, W.,	Carp, O	1886
Fralleigh, William S.,	Gananoque, O	1869	Guerin, James J. E.,	Montreal	1878
Fraser, H. D.,	Perth, O	1881	Guest, Thomas F.,	St. Marys, O	1873
Fraser, Alex. C.,	Manitowoc, Wis	1877	Gunn, James,	Durham, Co. Grey, O	1861
*Fraser, William,		1826	Gumme, N. D.,	St. Marys, O	1888
Fraser, William H.,	Liverpool, N.S	1867	Gurd, David F.,	Montreal	1879
Fraser, Donald M.,	Stratford, O	1869	Gustin, Smith,	Bay City, Mich	1885
Fraser, Donald,	Chicago, Ill	1868	*Gustin, Wm. Claud,		1863
Fraser, J. R.,	Lakefield, O	1878	Hagarty, D. M. J.,	Portage la Prairie	
Fraser, J. M.,	Lakefield, O	1887		Manitoba	1865
Freeman, C. M.,	Capo Sable Isl., N.S	181	*Hall, Archibald (ad eum),		1848
Fritz, H. D., B.A.,	St. John, N.B	1888	*Hall, James B.,		1866
Fuller, W.,	Grand Rapids, Mich	1866	*Hall, J. W.,		1818
Fuller, H. LeRoy, B.A.,	Sweetsburg, Q	1870	Hall, A. G.,	Ormskirk, Q	1887
			Hall, W.	Walkerton, O	1887
			Hallett, E. O.,	Truro, N.S	1883
			Haldimand, A. W.,	Pembina, Dak	1888

Halliday, James T.,	Peterboro', O	1855	Hurdman, Benj. F. W.,	Ottawa, O	1882
*Hamilton, Andrew W.,		1859	Hurdman, H. T.,	Bryson, Q	1885
Hamilton, Charles S.,	Demorestville, O	1868	Hurlburt, George W.,	Thornbury, Q	1859
Hamilton, John R.,	Stratford, O	1871	Hurlburt, Richard W.,	Mitchell, O	1873
*Hamilton, Rufus F.,		1861	Hutchinson, John A.,	Montreal, Q	1878
Hamel, Joseph A.,	Murray Bay, Q	1856	Hutchison, Jas. A.,	Montreal	1884
*Hamer, A. L.,		1887	Imrie, A. W.,	Detroit, Mich	1879
Hammond, J. H.,	Montreal	1869	Inksetter, D. G.,	Costa Rica	1880
Hanna, A. E.,	Perth, O	1885	Irvine, James C.,	Liverpool, Eng	1866
Hanna, Franklin,	Lansdowne, O	1879	Irvine, R. T.,	Watkins, N.Y.	1885
Haentschell, C. W.,	Montreal, Q	1888	Irwin, J. L.,	205 E Ohio St, Chicago	1879
Hanover, William,	Seaforth, O	1875	Irwin, W. T.,	Pembroke, Q	1889
Haney, C. B. II.,	1331 Van Buren St., Chicago, Ill	1883	Ives, Eli,	Coaticooke, Q	1863
Harkin, F. McD.,	Vankleek Hill, O	1885	Jackson, A. T.,		1846
Hart, F. W.,	St. Martinville, La	1835	Jackson, Wm. Fred.,	Brockville, O	1873
Harvie, J. B.,	575 1st St., Troy, N.Y	1881	Jackson, Joseph A.,	Manchester, N.H	1879
Harvey, William A.,	Harriston, O	1874	*Jamieson, Alex., B.A.,		1877
*Harding, F. W.,		1868	Jamieson, Thomas A.,		1875
Harkin, Henry,	Liverpool, Eng	1887	Jamieson, Chas. J.,	Winnipeg, Man	1879
*Harkin, William,		1858	Johnson, C. H.,	Austin, Minn	1884
Harkness, Jno.,	Dickinson's Corners, O	1862	Johnson, H. D.,	Charlottetown, P.E.I	1885
Harkness, An'trew,	New Lancaster, O	1869	Johnson, James B.,	London, Eng	1876
Harrison, David H.,	Manitoba	1864	Johnson, J. C.,	Surg. Maj. Army	1867
Harrison, H. J.,	Monlinette, O	1883	Johnson, J. R.,	Spring Valley, Minn	1883
Hart, George C.,	Prescott, O	1879	Johnson, J. W.,	Gananoque, O	1887
Hanington, E. B. C.,	Victoria, B.C	1875	Johnson, Thomas G.,	Sarnia, O	1871
Hawkins, A. C.,	Halifax, N.S	1885	Johnson, W. G.,	Montreal	1884
Hayes, James,	Simeoce, O	1866	Jones, Charles R.,	Hatley, Q	1874
Haythorne, T. J., B.A.,	Charlottetown, P.E.I	1886	Jones, George N.,	Burlington, Iowa	1874
Heard, C. DeW.,	Keelby, Eng	1880	*Jones, Thomas W., (ad eun),		1854
Hebert, P. Zotique,	Whitechall, N.Y	1873	*Jones, Jonathan C.,		1865
*Henderson, Alex. A.,	Ottawa, O	1870	Jones, Wm. Justus,	Prescott, O	1856
*Henderson, E. G.,		1874	Jones, A. J. M.,	Wabash Av., Chicago	1873
*Henderson, Peter A. M.,		1848	Josephs, G. E.,	Pembroke, O	1881
Henderson, And.,	Merriam Park, Minn	1880	Kearney, W. J.,	Mariposa, California	1875
*Henry, Walter (Hon.)		1853	Keefe, Wm. N., B. A., Ret'd Surg.		
*Henry, Walter J.,		1856	Maj. Bengal Army, Guelph, O	1869	
Henry, Wm. G.,	Detroit, Mich	1883	*Keeler, Thomas,		1859
Henwood, Alfred J.,	Brantford, O	1879	*Kelly, Clinton Wayne, Louisville, Ky	1867	
*Hervey, Jonas J.,		1866	Kelly, Patrick N.,	Rochester, Minn	1884
Hetherington, Harry,	Hatley, Q	1872	*Kelly, Wm.,		1816
Hewitt, J.,	Quebec, Q	1888	*Kelly, Thos.,	Omaha, Neb	1873
Heyd, H. E.,	Buffalo, N.Y	1881	Kelly, J. A. A.,	Omaha, Neb	1887
Hickey, Charles E.,	Morrisburg, O	1866	Kempt, William,	Lindsay, O	1864
Hickey, Samuel A., B.A.,	Aultsville, O	1874	*Kennedy, Richard A.,		1864
Higginson, H. A.,	Winnipeg, Man	1881	Kennedy, R. A., B.A.,	Rockland, O	1883
Hills, Joseph,	Woonsocket, R.I	1873	Kennedy, J. H.,	Guelph, O	1888
Hingston, W. H.,	Montreal	1851	Kenney, F. L., B.A.,	St. John, N.B	1888
Hoare, G. W.,	Strathroy, Ont	1888	Kerr, N.,	Milwaukee Av., Chicago, Ill	1889
Hockridge, Thos. G.,	London, Eng	1874	*Kerr, James,		1858
*Holden, Rufus,		1844	Killery, St. John, Surg. Maj. Army		1862
Holwell, John, Old Harbour, Jamaica		1868	Kineaid, R. M., Highgate Centre, Vt		1885
*Holmes, Andrew F., (ad eun),		1813	King, Wm. M. H.,	St. Sylvester, Q	1859
Holmes, A. D.,	Detroit, Mich	1881	King, Reginald, A. D.,	Compton, Q	1868
Hopkins, F. A.,	Cookshire, Q	1889	King, Richard,	Peterboro, O	1867
Hopkins, Alfred J.,	Cookshire, Q	1883	Kinloch, J. A.,	Montreal, Q	1856
Hopkins, H. J.,	Cookshire, Q	1888	Kirkpatrick, R. C. B.A.,	Montreal, Q	1856
Houston, D. W.,	Cohoes, N.Y	1881	Kirkpatrick, E. A.,	Kentville, N.S	1888
Houra L, James,	Lachine, Q	1867	*Kittson, John G.,		1880
*Howard, Robert,		1872	Kittson, Edmund G.,	Windsor	1873
*Howard, R. Palmer,		1848	Klock, Robert H.,	Bryson, Q	1882
*Howard, R. J. B. A.,	London, Eng	1882	Klock, W. H.,	Ottawa, O	1885
Howden, Robert T.,	Winnipeg, Man	1857	*Knowles, James A.,		1866
Howey, W. H.,	North Bay, O	1878	*Kollmyer, Alex. H.,		1856
Howitt, Wm H.,	Toronto, O	1870	Lazerge, Ed.,	St. Philomene, Q	1856
Howland, Francis L.,	Huntsville, O	1867	Lafferty, A. M.,	Heriot, Dak	1887
Hubbard, D. H.,	Gilsam, N.H	1888	Lathleur, H. A., B.A.,	Johns Hopkins	
Hubert, P. T.,	Harbor Breton, Nfld	1889	Hosp., Baltimore, Md	1887	
Hughes, P. H.,	Strathroy, O	1886	Lauder, Thomas H.,	C. P. R'y, O	1884
Hurlbert, E. Angulton,	Brooklyn, N.Y	1860	Lane, John A.,		1877
Hume, William L.,	Leeds, Q	1875	Lang, C. L.,	Kalamazoo, Mich	1876
*Hunt, J. J.,		1881	Lang, W. A.,	New Richland, Minn	1881
Hunt, Henry,	Toronto, O	1876	*Lang, Thomas D.,		1866
Hunt, J. H.,	Surg. Maj. Army Med	Dept.	Lang, W. M.,	St. Mary's, O.	1888
Hunt, Lewis G., B.A.,	Sheffield, Eng	1871	Langlois, D. N.,	Amherstberg, O	1875
Hurd, L. P.,	Newburyport, Mass	1865	Langrell, Richard T.,		1875

Laroche, A. B.,	Montreal	1847	McCorkill, K. K. C.,	East Farnham, Q	1882
Latheron, J. S.,	Halifax, N.S	1883	McCormack, N.,	Renfrew, Q	1885
Laurin, Edgar J.,	Deer Lodge, Mon	1881	McCormick, Andrew G.,	Richmond, Q	1874
Law, D. W. C.,	Bond Head, Q	1862	McCrimmon, Donald A.,	Lucknow, Q	1869
Law, William K.,	Coleraine, Ire	1877	McCrimmon, John,	Kincardine, Q	1878
†Lawford, John B.,	London, Eng	1879	McCrimmon, Milton,	Palermo, Q	1878
*Lawrence, Henry J. H.,		1862	McCuag, W. J.,	Penryn, Cal	1886
Leavitt, Julius,	Melbourne, Q	1866	McCullough, George, Sault St. Mary, Q	1879	
Leclerc, George,	Montreal	1851	*McCullough, Michael, (Hon.		1843
Leclair, Napoléon,	Lancaster	1861	McCully, Oscar J. M. A., Baie Verte,		
Le* James C.,		1858			N.B. 1879
*Lee, John Rolph,		1849	McCurdy, John,	Chatham, N.B	1866
Lefebvre, John M.,	Granville, B.C	1879	McCurdy, T.,	Ornstown, Q	1889
Legault, D., Salaberry de Valleyfield, Q		1866	McDermid, Wm. E.,	Dunvegan, Q	1875
Lemoine, C., St. Pierre, Isle d'Orléans		1850	McDiarmid, Donald,	Athol, Q	1867
Lepaillleur, Leonard,		1848	McDiarmid, James,	Hensall, Q	1873
Leprohon, John L.,	Montreal	1843	McDonald, Alex.,	Paisley, Q	1883
Levi, Reuben,	New York, U.S	1870	McDonald, H. J.	Alexandria, Q	1885
Lindsay, Heriot,	St. Johns, Q	1861	*McDonald, John A.,	Montreal	1880
*Lister, James,		1862	McDonald, Jos. D. A.,	Acton Vale, Q	1873
*Lloyd, H. W.,		1879	McDonald, K. C.,	Spencer, Iowa	1880
*Locke, C. F. A.,		1872	*McDonald, Roderick,		1834
*Logan, David D.,		1842	McDonald, A.,	Vankleek Hill, Q	1889
Logan, Robert,	Iona, Mich	1880	McDonald, H. N.,	Laggan, Q	1889
*Logan, William,		1833	McDonald, H.,	Renfrew, Q	1889
Logie, Wm.,		1833	McDonald, P. A.,	Alexandria, Q	1889
*Long, Alexander,		1844	McDonald, Alex. R.,	Boyd, Wis	1882
Long, C. H.,	Chicago, Ill	1888	Macdonald, A. D.,	Carleton, N.B	1887
Longley, Edmund,		1866	Macdonald, A. L.	Alexandria, Q	1887
Longpre, Pierre F.,	Quebec	1848	Macdonald, D. D.,	N. Lancaster, Q	1887
Loring, J. Brown,	674 Lake street,		Macdonell, A. E. J., B.A.,	Morrisburg, Q	1888
	Chicago, Ill	1883	Macdonnell, Alex. R.,	Alexandria, Q	1874
*Loupert, André,		1850	Macdonnell, Angus C.,	Montreal	1852
Loux, William,	Ottawa, Q	1870	McDougall, Peter A.,	Ottawa, Q	1864
Loucks, W. F.,	Stirling, Q	1887	*McDougall, Peter A.,		1847
*Loverin, Nelson,		1855	McDougall, D. S.,	Russell, Q	1888
Loveett, William,	Ayr, Q	1876	McEachran, W.,	Winnipeg, Man	1880
Low, D.,	Montreal, Q	1889	McEwan, Findlay,	Carlton Place, Q	1870
*Lucas, T. D'Arcy,		1869	McEwen, H.,	Carleton Place, Q	1889
Lunnam, H., B.A.,	Campbellton, N.B	1881	McFarlane, M. A.,	Arnprior, Q	1888
Lundy, E. L.,	Surg. Maj. Army	1862	McGannon, E. A.,	Brockville, Q	1881
Lyford, Chas. C.,	Minneapolis, Minn	1879	McGannon, M. C.,	Brockville	1885
Lyon, Arthur,	Shawville, Q	1861	McGannon, T. G.,	Lowell, Mass	1886
Martin, J. M.,	Montagne, P.E.I	1889	McGarry, James,	Drammondville, Q	1857
Mathieson, C. S.,	Harrington, P.E.I	1889	McGeachy, William,	Iona, Q	1867
Maas, Rudolph J.,	Chicago, Ill	1880	*McGill, William,		1848
*MacDiarmid, John D.,		1847	*McGillivray, Donald,		1861
MacDonald, Angus,	St. Paul, Minn	1863	McGowan, Henry W.,	Beebe Plain, Q	1867
*Macdonald, Colin,		1853	McGrath, Thomas,		1849
MacDonald, R. T. E.,	Sutton, Q	1881	*McGregor, Duncan,		1861
MacDonald, Roderick <i>Æneas</i> ,			McGuigan, W. J.,	London, Q	1879
	Stoney Mountain, Man	1871	*McInire, Bernard D.,		1873
MacDonell, <i>Æneas</i> ,	Ottawa	1849	McInroy, Henry A.,	Clayton, N.Y	1876
MacDonnell, R. L., B.A.,	Montreal	1876	McInerney, James P.,	St. John, N.B	1884
MacFarlane, Wm.,	Almonte, Q	1869	McInnes, Walter J.,	Victoria, Q	1865
Machie, James,	Fort Covington, N.Y	1869	McIntosh, James,	Vankleek Hill, Q	1851
MacIntosh, Robert, Rapid City, N.W.T		1863	McIntosh, Donald J.,	Vankleek Hill, Q	1870
Mack, Francis Lewis, Amherstburg, Q		1866	McIntosh, D. H.,	Pakenham, Q	1889
*Mackie, J. R.,		1865	McIntyre, Peter A.,	Souris, P.E.I	1867
*Mucklem, Samuel S.,		1859	McKeelean, George Lloyd, Hamilton, Q	1880	
Macleam, Archibald,	Sarnia, Q	1867	McKenzie, J. T.,	Plainfield, Q	1884
*Macnabb, Francis A. L.,		1870	McKenzie, B. E., B.A.,	Kingston Road	
Maeneil, Alex.,	Kensington, P.E.I	1883	McKenzie, K. A. J.,	Portland, Oregon	1881
McArthur, Robert D.,	Chicago, Ill	1867	McKay, John,	Woodville, Q	1869
McArthur, John A.,	Port Elgin, Q	1879	McKay, Walter,	Courtland, Q	1884
McArthur, J.,	Winnipeg	1885	McKay, J. M.,	Wallace, N.S	1886
McBain, John,	Martintown, Q	1871	McKercher, H.,	Pt. Edward, Q	1889
MacCallum, Duncan C.,	Montreal	1850	McKinley, John K.,	Bristol Q	1878
McCam, J. J., B.A., Hopkinton, Mass		1878	McKinnon, H.,	Ashland, Wis	1887
McCarthy, W.,	Chicago, Ill	1867	McKinnon, G. W.,	Sunnyside, P.E.I	1888
McCarthy, J. G.,	Sorrel, Q	1888	McKinnon, T. H.,	Lockport, N.S	1880
McClure, W., B.A.,	China	1881	McLaren, Peter,	Brudenell, P.E.I	1869
McCollum, E. P.,	Ellsworth, Kan	1886	McLaren, Peter,	Paisley, Q	1861
*McConkey, T. C.,		1872	McLaren, Peter,	Ornstown, Q	1872
McConnell, John B.,	Montreal	1873	McLaren, D. C., B.A.,	Galt, Q	1880
*McCord, John D.,		1861	*McLean, Alexander,		1860
			McLean, J. W.,	Point Hastings, N.S	1883

McLean, Thos. N.,	Fergus Falls, Minn	1882	*Morrison, David R.,	1869
McLean, J. M., B.A.,	Picton, N.S	1884	Morrison, J.M.A.,	Ogdensburg, N.Y
McLellan, A. A.,	Indian River, P.E.I	1889	Morrow, C.,	Vernon, O
McLellan, Jas. H.,	Tignish, P.E.I	1884	Mount, John W.,	Montreal
McLennan, D.,	Dunvegan, O	1888	Mowat, M. M.,	Williamstown, O
*McLeod, Arch., B.A.,		1883	Muirhead, D. A.,	Carleton Place, O
McLeod, James, Charlottetown, P.E.I		1873	Munro, Alexander,	Montreal
McMartin, D. R.,	Toronto, O	1888	Munro, James T.,	Maxwell, Ont
McMeekin, J. W.,	Otter Lake, Mich	1885	Muckey, F. S.,	St. Paul, Minn
McMicking, George,	Goderich, O	1851	*Murray, Charles H., B.A.,	1876
McMillan, Aeneas J.,	Manitou, Col	1874	Murray, D.,	Carapbelton, N.B
McMillan, D. L.,	Alexandria, O	1885	Murray, D. A.,	Black Meadows, N.S
McMillan, Louis J. A.,	Mansonville, Q	1860	Musgrove, W. J.,	Drayton, Dak.
McMillan, John,	Picton, N.S	1857	Neilson, W. J.,	Winnipeg, Man
McMurray, Samuel,		1841	Nelles, J. M.,	Canton, Ill
*McNaughton, E. P.,	Ripley, N.Y	1879	Nelles, John A.,	London, O
McNee, Stewart,	St. Lambert, Q	1869	*Nelson, Horace,	
McNeece, James,	Vernon River, P.E.I	1870	Nelson, Wolfred (Hon.)	1848
McNeil, Ernest,	Brasher Falls, N.Y	1889	Nelson, Wolfred D. E.,	Quebec
McNulty, M.,	Marquette, Mich	1874	Nelson, W. M. F.,	Montreal
McQuillen, James,		1876	Nesbitt, Jas. A.,	Salt Lake City, Utah
*McRae, George,		1876	Nicol, Wm. R.,	Watkins, N.Y
McTaggart, Alexander,	London, O	1860	*Nicholls, Chas. R.,	1862
*McLean, John M.,		1865	Norton, Thomas,	Shelburne, O
Madill, John,	Alliston, O	1867	Norman, T. J.,	King, O
Maher, J. J. E.	New York	1883	Oakley, Wm. D.,	Streetsville, O
Major, George W., B.A.,	Montreal	1871	O'Brien, Thos. B. P.,	Srg. Maj. Army
Malcolm, John Ralph,	Scotland, O	1861	O'Brien, Robert S.,	Nanaimo, B.C
*Mathiot, Alfred,		1846	O'Brien, David,	Renfrew, O
Malloch, Edward C.,	Jersey, Eng	1863	O'Brien, T. J. P.,	Kansas City, Mo
*Malloch, William B.,		1867	O'Brien, Timothy,	Brudenell, O
Mallory, Albert E.,	Warkworth, O	1872	O'Callaghan, Cornelius H.	1854
Marecan, Louis T.,	Napierville, Q	1872	O'Callaghan, T. A., B.A..	Worcester, Mass
Markell, Richard S.,	Cloverdale, Cal	1867	*O'Garr, Peter,	1857
*Marr, Israel P.,		1849	*O'Connor, Daniel A.,	1867
Marr, Walter H.,	W 33rd St. N. York	1859	O'Dea, James J.,	Stapleton, Staten Island, N.Y
Marston, Alonzo W.,	Hull, Q	1871	Odell, William,	
Marston, John J.,	Cheyenne, Wy	1863	O'Keefe, Henry,	Minto, Dakota
Martel, Ovide	St. Paul, Minn	1883	Odgen, H. V., B.A.,	Milwaukee, Wis
Mason, J. L., M.A.,	Ballsford, Derby, Eng	1863	O'Leary, James,	St. Pascal, Q
Mattice, Rich. J.,	Omaha, U.S	1875	O'Leary, Patrick,	Mayo, P.Q
†Mathieson, John H.,	St. Mary's, O	1871	Oliver, James W.,	Clifton, O
*Mathieson, Neil,		1870	O'Reilly, Charles,	Toronto, O
Mayrand, William,	St. Andrew, Q	1884	Orr, A. E.,	Cookshire, Q
Meahan, J. C.,	Bathurst, N.B	1878	Orr, J. E.,	Montreal, Q
Meane, John,	Staff Surg. Nai. Army	1869	Orton, T. H.,	Hamilton, O
Meek, Jas. A.,	20 W 25th St., N. York	1875	Oshorne, A. B.,	Hamilton, O
*Meigs, Malcolm R.,		1865	Osler, Wm., Johns Hopkins Hospital,	
Menzies, John B.,	Ft. Gratiot, Mich	1879		Baltimore
Meredith, Thomas L. B.,		1842	*Padfield, Charles W.	1868
Merritt, D. P., B.A.,	Fitzroy Harbor, O	1884	Painchaud, Edward S. L.,	Varennes, Q
Metcalfe, Henry J.,	Thurso, Q	1876	Palmer, Loran L.	Toronto, O
Metcalfe, F. T.,	Buffalo, N.Y	1888	Palmer, G. F.,	London, O
Mewburn, F. H.,	Galt Mines, N.W.T.	1881	Pallon, Montrose A.,	New York
Mignault, Henri A.,	St. Denis, Q	1860	*Paquin, Jean M.,	1813
Mignault, L. D., B.A.,	Montreal	1880	*Paradis, Henri,	1846
Miller, R., Surg. N.W.,	Mounted Police,		*Paradis, Pierre E.,	1887
	Battleford, N.W.T.	1870	*Park, George A.,	1877
Mills, Thos. W., M.A.,	Montreal	1878	Park, P. C.,	Milverton, O
Miner, Frank L.,	Abercorn, Q	1877	Parke, Charles S.,	1866
*Miner, W.,		1874	Parker, Rufus S.,	Canton, Mass
Mitchell, Fred. H.,	London, O	1871	*Patterson, James M.,	1855
Moffatt, John E.,	Staff Surg. Army	1861	Paterson, James, J.,	Winnipeg, Man
Moffatt, Walter,	Pensacola, Fla	1852	Pattee, George,	1858
Moffatt, R. D.,	Toronto, O	1888	Pattee, Richard P.,	Plantagenet, O
Molson, Wm. A.,	Montreal	1874	*Patton, Edward K.,	1867
Montgomerie, Napolion,	Rigaud, Q	1865	Pearman, H. V.,	Halifax, N.S
Mouk, George H.,	Dillonton, Q	1875	Pegg, Austin J.,	Ossian, Iowa
Moore, Charles S.,	London, O	1874	Pegg, Charles H.,	Chiengo, Ill
Moore, John T.,	Tilsonburg, O	1874	Perks, W. C.,	Woodstock, O
Moore, Joseph,		1852	Perrault, Victor,	St. Eustache, Q
Moore, Richard,		1853	Perrier, John,	Cleveland, Ohio
Moore, Robert C.,	St. Paul, Minn	1869	Perrigo, James, M.A.,	Montreal
Moore, William,	Algoma, Mich	1881	Perry, H. R.,	Montreal, Q
Morehouse, O. E.,	Gibson, N.B	1889	Phelan, C. J. R.,	Waterloo, Q
*Morin, Joseph, (Hon.)		1859		1865
Morgan, V. H.,	Aultsville, O	1887		

Phelan, James B.,	Chicago, Ill	1874	Robertson, A. M.,	Victoria, B.C	1885
*Phelan, Joseph P.,		1854	Robertson, James E.,	Montague, P.E.I	1865
Philip, David L.,	Erantzford, O	1863	Robertson, David,	Milton, O	1864
Philip, W. S.,	Montreal, Q	1889	Robertson, David T.,	Lennoxville, Q	1857
Phippen, S. S. C.,	Owosso, Mich	1883	Robertson, Patrick,	St. Andrews, Q	1867
*Picault, Chas.,		1857	Robertson, F. D., B.A.,	St. Albans, Vt	1886
Pickup, John W.,	Brockville, O	1867	Robertson, A. G.,	Iroquois, O	1888
Pinsonneault, B.,	Chicago, Ill	1880	Robillard, Adolphe,	Ottawa, O	1860
*Pinet, Alexis,		1840	Robinson, Stephen J.,	Brantford, O	1867
Pinet, Alex. R.,	St. Laurent, Q	1864	Robinson, Wesley,	Markham, O	1877
Pomeroy, L. E. Mc., B.A., Rochester,		N.Y	Robitaille, Louis,	New Carlisle, Q	1866
Poole, Alf.,		1886	Robitaille, L. T., Hon.	Quebec	1858
Poole, H. E.,	Rossie, N.Y	1880	†Roddick, Thomas G.,	Montreal	1-68
Porteous, Wm.,	Montreal	1884	Rodger, Thomas A.,	Montreal	1869
Porter, J. A., B.A.,	Kemptville, Q	1887	Rogers, E. J. A.,	Denver, Col	1881
Pothier, J. C.,	Woosocket, R.I	1887	Rogers, Amos,	Ottawa, O	1874
Potts, J. Mc.,	Montreal	1888	Rooney, R. F., Auburn,	Placer Co., Cal	1870
Pousette, A. Courthorpe,	Sarnia, O	1860	†Ross, George, M. A..	Montreal	1866
Powell, F. H.,	Ottawa, O	1885	†Ross, James, B.A.,	Dundas, O	1881
Powell, Israel Wood,	Victoria, B.C	1860	Ross, G. T.,	Montreal	1886
Powell, Newton W.,	Cobourg, O	1850	Ross, L. D.,	Hamilton Asylum	1883
†Powell, Robert H. W.,	Ottawa, O	1875	Ross, Thomas,	Woodland, Cal	1863
Powers, George W.,	Eaton Cor., Q	1861	*Ross, Henry,		1872
Powers, Lafontaine B.,	Port Hope, O	1867	Ross, William G.,	Ashbury, New Z	1871
Pringle, George,	Cornwall, O	1855	*Ross, Wm. D.,		1875
Pringle, A. F.,	Northfield, Minn	1887	Ross, J. W.,	Cohoes, N.Y	1881
Pringle, W. R.,	Schreiber, O	1886	Ross, L. F., B.A.,	Point Edward, O	1886
Prosser, W. O., Le Mars, Ply Co., Iowa		1874	Ross, D. L.,	Decatur, Ala	1887
Proudfoot, John S.,	Susp' on Bridge, O	1868	Rowat, W. M.,	Granby, Q	1886
Proudfoot, Alex.,	Montreal	1889	Rowell, G. B.,	Los Angeles, Cal	1884
Proulx, Philas.,	Montreal	1844	Rugg, Henry C.,	Perth, O	1865
*Prevost, E. Gilbert,		1859	*Rumsey, William,		1859
Pulford, F. W.,	Stonewall, Man	1880	Rutherford, M. C.,	Rochester, N.Y	1879
*Quarry, James J.,		1868	Rutherford, Clarendon, M.A.,	Chicago	1882
*Quesnel, Jules M.,		1849	Rutledge, And. J.,	Manitoba	1883
Quirk, E. L.,	Aylmer, Q	1888	Ruttan, Aften,	Napanee, O	1882
			Ruttan, A. M.,	New York	1880
			Ruttan, R. F.,	Montreal	1884
Rae, J. Hamilton (Hon.),	London, Eng	1853	*Sabourin, Moise,		1849
*Rainville, Pierre,		1863	Sampson, James (Hon.),		1847
Rimbault, J.,	Dep. Insp. Gen. Arny	1859	Sanderson, George W.,	Toronto, O	1850
*Rattray, Charles J.,		1871	Savage, Thos. Y.,	Thistletown, O	1854
Rattray, James C.,	Cobden, O	1874	*Savage, Alex. C.,		1866
Raymond, Olivier,	Montreal	1850	*Sawyer, James H.,		1863
Raymond, Alf.,	Marcus, Iowa	1876	*Schmidt, Samuel B.,		1847
Raymond, G.H., B.A., Sussex, King's Co., N.B	1886		Schmidt, A. F.,	Montreal, Q	1886
Read, Herbert H.,	Halifax, N.S	1861	Schmidt, A. J.,	Fairbault, Minn	1886
Reavely, E.,	Port Robertson, O	1887	*Schofield, David T.,		1854
Redner, Horace P.,	Lonsdale, O	1864	Scott, John G., Hazeldean, Co. Carlt, O	1879	
Redlick, Robert, West Winchester, O		1874	Scott, Stephen A.,		1854
Reddy, Herbert L., B.A.,	Montreal	1876	*Scott, William E.,		1844
*Reddy, John (ad eum),		1856	Scott, Wm. F.,	Hull, Q	1875
Reed, Thomas D.,	Montreal	1871	Scott, W. McE.,		1883
Reed, John A.,	Sault Ste. Marie, O	1871	Scott, J. M.,	Philadelphia, Penn	1887
Reid, Alex. Peter,	Hatfield, N.S	1858	*Serbin, George Augustus,		1813
*Reid, Kenneth,		1861	Scully, D. J.,	Koswell, Colorado	1887
Renner, W. Scott,	Buffalo, N.Y	1884	Seager, Francis R.,	Brigden, O	1870
Reynolds, T. W.,	Hamilton, O	1881	Segord, Levi,	Bright, O	1876
Reynolds, Robert T.,	Berlin, O	1837	Seery, F. J.,	Fredericton, N.B	1886
*Reynolds, Thomas,		1842	Sectre, Edward W.,	Henvelton, N.Y	1878
Richard, Marcel,	Manchester, N.H	1-61	Seguin, André,	Rugaud, Q	1848
Richmond, P. E., Mt Pleasant, Minn		1873	Senkler, A. E.,	St. Paul, Minn	1863
Ridley, Henry Thomas, Hamilton, O		1852	Serviss, T. W.,	Ovoville, Cal	1881
*Ricelle, Etienne R. E.,		1857	Seymour, M. M.,	Winnipeg, Man	1870
Riley, Oscar H., Moer's Forks, Clinton Co., N.Y		1879	*Sewell, Stephen C. (ad eum),		1813
Rinfret, Ferdinand R.,	Quebec	1868	Sewell, Colin (ad eum),	Quebec	1860
*Rintoul, David M.,		1854	Shanks, A. L.,	Montreal	1889
Richardson, J. R., Archer av., Chicago		1865	Shanks, J. C.,	Howick, Q	1881
Richardson, G. C.,	Richmond, O	1887	Sharp, J. C.,	Marysville, N.B	1885
Riordan, B. L.,	Toronto, O	1880	Sharp, Wm.,	South Toledo, Ohio	1872
Ritchie, A. E., B.A.,	Duluth, Minn	1876	Shaw, Alexander,	Watertown, Dak	1882
Ritchie, John L.,	Army Med. Dept	1874	Shaw, W. F.,	Braebridge, O	1879
*Roberts, Edward T.,		1859	Shaver, Peter Ralph,	Stratford, O	1854
Roberts, John E., B.A.,	Montague, Jam., W.I	1867	Shaver, W. H.,	Wales, O	1883
			*Shaver, R. N.,		1867
			Shibley, J. L., B.A.,	Yuma, Ariz	1888

Shepherd, Francis J.,	Montreal	1873	*Theriault, F. D.,	1863
Sherk, George,	Cheapside, O	1865	Therien, Honore,	Bedford, Q
Shoebottom, Henry, Port Huron, Mich	1857	Thomas, W. R.,	Shoal Lake, Man	
Shufelt, W. A., 250 W 11th St. N York	1851	*Thompson, James,	1842	
Sihler, G. A.,	Simcoe, O	1883	Thompson, Robert,	Brantford, O
*Simard, Amable,	Montreal	1852	Thompson, Wm. E.,	Manitou. Man
Simpson, Thomas,	Montreal	1854	Thompson, J. H.,	Gananoque, O
Sinclair, Coll,	Aylmer, O	1874	Thornton, Hastwell W., B.A.,	New Richmond, Q
Small, H. B.,	Ottawa	1880	Tracey, A. W.,	Richmond, Q
*Smallwood, John R.,		1868	West Meriden, Conn	1873
Smellie, T. S. J., M.A., Prt Arthur's	Landing, O	1877	Trapnell, H. E.,	Providence, R.I
Smiley, J. S.,	Portsmouth, Iowa	1880	Trenholme, Edward Henry, Montreal	1862
*Smith, Daniel D.,		1868	*Trudel, Eugene H.,	1844
Smith, Daniel F.,	Walkertown, O	1878	Truman, J. E.,	Macan, N.S
Smith, E. H., 2700 Wentworth Ave.,	Chicago	1885	*Turgeon, Louis G.,	1860
			Turnbull, R.,	Moose Jaw, N.W.T
Smith, E. H.,	Fullarton, Neb	1881	Tuzo, Henry A.,	1853
*Smith, Edward W.,		1859	*Tunstall, Simon J., B.A., Litton, B.C	1875
Smith, John, Portland, Oregon	1879	Usher, Henry,	Walkerton, O	
Smith, Norman A., Freleighsburg, R	1870	Vannorman, J. M.,	Detroit, Mich	
Smith, William,	Lachute, Q	1876	*Vercoe, Henry L.,	1865
Smith, Edward W., A.B., West Meriden, Conn	1882	*Vicat, John R.,	1867	
Smith, W. A. de W., New Westminister, B.C	1884	*Vineberg, Hiram N.,	New York	
Smith, H. E., Marlboro', Mass	1885	Vipond, A. E.,	Montreal, Q	
Smythe, T. W., Colonel 100th Regt,	Dover, Eng	Wagner, A. Dixon,	Cornwall, O	
		1848	Wagner, G. C.,	Tacoma, Wash. Terr
Snider, Frederick S., Teeterville, O	1876	*Wagner, William H.,	1844	
Sparham, Terence, Brockville, O	1841	Wakeman, William,	Quebec	
Sparham, E. R.,		1852	Wales, Benjamin N.,	Robinson, Q
Spear, Andrew M., Danville, Q	1874	*Walker, Robert,	1851	
Spencer, R., Brandon, Man	1879	Walker, Felix D.,	Launching, P.E.I	
Springle, J. A., Montreal, Q	1888	Wallace, Isaac U.,	Milton, Q	
*Squire, William Wood, M. A.,	1864	Walsh, Eduard C.	Madrid, N.Y	
Stifford, Fred. J., Little Bay, Nfld	1878	Walton, George O.,	Barbadoes, W.I	
Stanton, George,	Simcoe, O	1868	*Wanless, John R.,	1867
Stark, George A., Milwaukee, Wis	1872	Ward, William T.,	Morristown, Minn	
*Staunton, Andrew,		1846	Ward, Michael O'B.,	Montreal
*Stephen, William,		1881	Warneford, P. H.,	Norton, N.B
Stephen, G. C.,	Montreal, Q	1887	Warren, Frank,	Brooklin, O
Stevens, Alex. D.,	Dunham, P	1857	*Warren, Henry,	1860
Stevenson, Charles N., Conticook, Q	1876	Waugh, William,	London, O	
Stevenson, Hans, Wakefield, Q	1880	Weagant, C. A.,	Calton, Cal	
Stevenson, J. M., Bryanston, O	1856	Weagant, A. A.,	Dickinson's Landing	
*Stevenson, John L.,		1855	*Webb, James T. S.	1871
*Stevenson, John A.,		1873	Webster, Arthur D.,	Edinburgh, S
Stevenson, Robert A.,	Toronto, O	1871	Weibrenner, Remi,	Port Neuf, Q
Stewart, Alexander, Palmerston, O	1872	*Weir, Richard,	1852	
Stewart, Andrew,		1881	Westley, R. A.,	Lancaster, O
*Stewart, John Alexander,		1862	Wetmore, F. H.,	Hampton, N.B
Stewart, James, Montreal	1869	Wheeler, C. L., B.A.,	Montreal	
Stewart, J. O., Cazaville, Q	1880	*Wherry, John,	1862	
Stewart, A. D., Richmond, Q	1888	White, F. J.,	Shediac, N.B	
Stewart, W. G., B.A., Montreal, Q	1888	White, W. W., M.A.,	St. Johns, N.B	
Stephenson, James, Iroquois, O	1850	Whitecomb, Josiah G.,	Omaha, Neb	
Stimpson, Alfred O., Thompson, Pa	1868	*Whiteford, James W.,	1873	
St. John, Leonard, Chicago, Ill	1872	Whiteford, Richard,	Toledo, Ohio	
Storrs, A., Mexborough, York, Eng	1876	Whitwell, W. P. O.,	Philipsburg, Q	
*Strobridge, James Gordon,		1862	*Whyte, Joseph A.,	1870
Struthers, A. D., Donald	1881	Whyte, J. J.,	Montreal	
Struthers, B. R., Sault St. Marie	1883	Wigle, Hiram,	Wiarton, O	
Stroud, C. S., Montreal	1870	*Widmer, Christopher (Hon.)	1817	
*Sutherland, Fred, Dunbar,		Wilcox, Marshall B.,	1868	
Sutherland, Walter, Ormstown, Q	1871	Wilkins, George (ad eun),	Montreal	
*Sutherland, William,		Wilkins, H. P.,	Toronto, O	
*Sutherland, William,		Williams, J.,	1887	
Sutherland, William It.,	Montreal	Williams, J. F.,	Boston, Mass	
Switzer, Egerton R., Salmon, Ks	1865	Williams, J.,	Gravenhurst, Q	
Talb, Silas E., M. A., Sherbrooke, Q	1868	Williams, E. P.,	Montreal, Q	
*Tait, Henry Thomas,		Williston, H. V., M.A.,	1879	
Taylor, Wm. H., Peterboro, O	1859	Willison, J. A. K.,	Richmond, O	
Taylor, Sullivan A., Tillmonton, N.H	1870	Wilson, Benjamin S.,	Bellefonte, O	
Tew, H. S., Wakefield, York, Eng	1884	*Wilson, Robert M.,	1850	
Temple, James A., Toronto	1865	Wilson, William,	Ottawa	
Thayer, Linus O.,	Montreal	Wilson, Samuel F.,	Millstream, Kings	
		Co., N.B	1884	
		Wilson, C. W.,	Buckingham, Q	
			1886	

*Wilscam, John Wilbrod,	1846	Worthington, Edward (ad eun) Sher-
Wishart, D. J. G.,	Toronto, O 1885	brooke, Q 1868
Woolverton, A., M. A.,	Hamilton, O 1868	Worthington, A. N., Sherbrooke, Q 1886
Woods, David,	Staff Surgeon Army 1860	Wright, John W., B.A., Picton, O 1878
*Wood, Edwin Geo.,	Mitchell, O 1885	Wright, Henry P., Ottawa, 1872
Wood, George C.,	1845	Wright, Stephen, Ottawa, O 1859
Wood, George,	Faribault, Minn 1863	Wright, William, Revd. Montreal 1848
Wood, Ed.S, 10 E.3rd st.,	St.Paul, Minn 1883	Wye, John H., 26 Farrington sq., London 1868
Wood, Hannibal W.,	Knowlton, Q 1865	Wylde, C. F., Halifax, N.S 1889
Woodful Sam. Pratt.,	Surg. Maj. 1864	Young, Philip R., Clarenceville, Q 1876
Woodruff, T. A.,	St. Catherine, O 1888	Young, Robert C., Ridgetown, O 1873
Woods, Jno. J. E.,	Aylmer, Q 1875	Young, A. A., Barton, Vt 1887
Woolway, C. J...	St. Paul, Minn 1875	Young, H. E., B.A., Napanee, O 1888
*Workman, Benjamin,	1853	Youker, William, Belleville, O 187■
Workman, Joseph,	Toronto 1833	

* Deceased.

† Medallist.

EXAMINATION PAPERS—SESSION 1888-89.

MATRICULATION EXAMINATIONS.

LATIN.

Time allowed, 2 hours;

Examiner,..... H. ASPINWALL HOWE, M.A., LL.D.

NOTE.—Candidates may choose, in this Paper, between Cicero and Virgil.

1. Translate, *without unnecessary change of construction* :—

CICERO.

(A.) III. Lixi ego idem in senatu, cedem te optimatum contulisse in ante diem v. Kalendas Novembris, tum quum multi principes civitatis Roma non tam sui conservandi, quam tuorum consiliorum reprimendorum caussa profugerunt. Num infitiari potes te illo ipso die, meis præsidiis, mea diligentia circumclusum, commoverse te contra rempublicam non potuisse, quum tu, discessu ceterorum, nostra tamen, qui remansissemus, cede contentum te esse dicebas? Quid? quum tuto Preneste Kalendis ipsis Novembribus occupaturum nocturno impetu esse consideres, sensitne illam coloniam meo jussu præsidiis, custodiis vigiliisque esse muniam? Nihil agis, nihil moliris, nihil cogitas, quod ego non modo non audiam, sed otiam non videoam planeque sentiam.

(B.) XIII. Hisce omnibus, Catilina, cum summa republicæ salute; cum tua peste ac pernicie, cumque eorum exitio, qui se tecum omni scelere parricidioque junxerunt, proficisci ad impium bellum ac nefarium. Tum tu, Juppiter, qui iisdem, quibus haec urbs, auspiciis a Romulo es constitutus; quom Statorem hujus urbis atque imperii vere nominamus: hunc et hujus socios a tuis aris ceterisque templis, a tectis Urbis ac incensibus, a vita fortunisque civium omnium arcebis, et homines bonorum inimicos, hostes patriæ, latrones Italæ, scelerum fædere inter se ac nefaria societate conjunctos, aeternis suppliciis vivos mortuosque mactabis.

IN CATILINAM, ORAT. I.

N.B.—*In order to pass, Candidates must show, by their answers to the following questions, that they know the Grammar of the language* :—

2. Parse and give the construction of each word of:—“a tectis Urbis ac incensibus, a vita fortunisque civium omnium arcebis.”

3. Decline together, in both numbers, *illo ipso die*, and also *republicam*. Write out the tenses *potes* and *moliris*.

4. Give the principal parts of the verbs to which belong *contulisse*, *reprimendorum*, *confideres*, *proficisci*, *conjunctos*.

5. In the following :—

(a) In ante diem V *Kalendas Novembris*. What were respectively the Kalends, Nones and Ides, and why were they so called?

(b) Non tam *sui conservandi* causa. Explain this genitive construction.

(c) *Nostra* tamen, *qui remansissemus* cōde. What is the antecedent to *qui*?

6. Give the derivation of *pernicies*, *parricidium*, *tectum*, *mœnia*; and distinguish between *inimicus* and *hostes*; *scelus* and *nefas*.

VIRGIL.

Time allowed, 2 Hours.

1. Translate, *without unnecessary change of construction* :—

(A.) *Talia flammato secum dea corde volutans.*

*Nimborum in patriam, loca feta furentibus austris,
Æoliam venit. Hic vasto rex Æolus antro
Luctantes ventos tempestatesque sonoras
Imperio premit, ac vinculis et carcere frenat.
Illi indignantes magno cum murmure montis
Circum elaustra fremunt: celsa sedet Æolus arce
Sceptra tenens, mollisque animos, et temperat iras.
Ni faciat, m te aria ac terras ecclumque profundum
Quippe ferant rapidi secum verrantque per auras.
Sed pater omnipotens speluncis abdidit atris,
Hoc m etuens: moleisque et montes insuper altos
Imposuit, regemque dedit, qui fædere certo
Et premere, et laxas sciret dare jussus habenas.
Ad quem tum Juno supplex his vocibus usa est:*

AENEID, Bk. 1., vss. 50-63.

(B.) *ipsa sed in somnis inhumati venit imago*

Conjugis; ora modis attollens pallida miris.

Crudeles aras trajectaque pectora ferro

Nudavit, eæcumque domus scelus omne retexit.

Tum celerare fugam patriaque exodere suadet,

Auxiliumque viae veteros tellure recludit

Thesauros, ignotum argenti pondus et auri.

His commota fugam Dido sociosque parabat.

Conveniunt, quibus aut odium crudele tyranni

Aut motus acer erat; naves, que forte paratæ,

Corripinnt, onerantque nuro Portantur avari

Pygmalionis opes pelugo; dux femina facti.

AENEID, Bk. 1., vss. 353-364

N.B.—In order to pass, Candidates must show, by their answers to the following questions, that they know the Grammar of the language:—

2. Parse and give the construction of each word of:—"Nimborum in patriom, loca feta furentibus Austris, .Eoliam venit."

3. Decline together, in both numbers, *ipsa imago*, and also *scelus omne*. Write out the tenses *reexit* and *reclndit*.

4. Give the principal parts of the verbs to which belong *sedet*, *mollit*, *imposuit*, *trajecta*, *reexit*.

5. In the following:—

(a) Secum dea corde *volutans*. To what class of verbs does *voluto* belong? How are such verbs formed?

(b) *His vocibus usa est*. What case is this and why?

(c) *Auxiliumque viæ veteres.... Thesauros*. Distinguish between the two accusatives.

6. Give the derivation of *rinclum*, *clastrum*, *inhumatus*, *conjux*; and distinguish between *aer*, *ether*, *aura*; *socius* and *comes*.

ENGLISH.

Time allowed, $1\frac{1}{2}$ hour.

Examiner,..... H. ASPINWALL HOWE, M.A., LL.D.

1. Divide the following stanza into separate sentences, and say how they are related to one another:—

Blow, blow thou winter wind

Thou art not so unkind

As man's *ingratitude*:

Thy tooth is not so keen

Because thou *art not seen*,

Although thy breath *be rude*.

2. Parse the words indicated by *Italics* above.

3. How do you distinguish Prepositions, Conjunctions and Adverbs? Give examples of *But* used (a) as an adverb, (b) as a preposition, (c) as a conjunction.

4. In the sentence, "We *ought* to *own* that what we *owe* is not our *own*," explain with reference to their origin the words italicized.

5. The words *a* and *the*, formerly called *Articles*, are now classed among *Adjectives*. Give reasons for and against this change.

6. Correct errors, where found, in the following sentences, and give reasons for such corrections:—

(a) I was going to have written him a letter.

(b) You may take either of the three.

(c) Having failed in this attempt, no further trial was made.

7. Define the terms *root*, *stem*, *compound*, *derivative*, *cognate*, as applied to words. Analyse and derive the following words, noticing the force of each component part:—*Hillock*, *particle*, *streamlet*, *strength*, *martyrdom*, *chronicle*, *viscount*. Distinguish between *indices* and *indexes*; *depository* and *depository*; *deprecate* and *depreciate*.

8. Write a short essay on “Memory.”

9. Write legibly and punctuate properly the passage for *Dictation* which will be read to you.

GEOMETRY.

Time allowed, 1½ hour.

Examiner,..... H. ASPINWALL HOWE, M.A., LL.D.

1. If at a point in a straight line two other straight lines on opposite sides of it make the adjacent angles together equal to two right angles, these two straight lines shall be in one and the same straight line, Prop. 14, Bk. I.

2. If a side of a triangle be produced, the exterior angle is equal to the two interior and opposite angles, and the three interior angles of every triangle are together equal to two right angles. Prop. 32, Bk. I.

3. Describe a parallelogram which shall be equal to a given rectilineal figure, and have an angle equal to a given rectilineal angle. Prop. 45, Bk. I.

4. If a straight line be divided into two equal and also into two unequal parts, the rectangle under the unequal parts together with the square on the line between the points of section shall be equal to the square on half the bisected line. Prop. 5, Bk. II.

5. Show from the preceding that the rectangle under the sum and difference of two lines is equal to the difference of their squares.

NATURAL PHILOSOPHY.

Time allowed, 1½ hour.

1. Shew that as the angle between two forces increases, the resultant is diminished. Two forces, 5 and 11, act on a point at right angles to one another; find the magnitude of the resultant.

2. Give examples of bodies in *stable*, *unstable*, and *neutral* equilibrium. If a body be in stable equilibrium, how is its centre of gravity affected by a small displacement of the body?

3. A carriage is being drawn by a rope up a smooth incline; if the rope breaks, why will the carriage continue to move up the incline for some distance? What considerations will determine this distance?

4. Describe an experiment shewing that the pressure of water at any depth below the surface is exerted upwards as well as downwards.

5. Explain the phenomenon of *ebullition*. Why is it that all liquids do not boil at the same temperature, and why is the boiling point not always the same for the same liquid?

BRITISH HISTORY.

Time allowed, 1½ hour.

Examiner, H. ASPINWALL HOWE, M.A., LL.D.

1. Who were the Normans? What was their original home? In what respects was the Norman Conquest beneficial to England?

2. Name those sovereigns of England in whose reign political freedom made greatest advances. State circumstances.

3. What were the causes that drove the Scotch into rebellion in the reign of Charles I.?

4. Account for the population of the North of Ireland being mainly Protestant, and that of the South and West, Roman Catholic.

5. In what wars has England been engaged since the accession of Queen Victoria, and with what results?

6. Write brief notes about the following persons and places, mentioning historical events connected with each:—Margaret of Anjou, John Knox, The Regent Murray, Titus Oates, Marlborough; Bretigni, Flodden, Glen-coe, Vittoria, Cawnpore.

GEOGRAPHY.

Time allowed, 1½ hour.

1. Describe geographically the voyage, by water throughout, from Liverpool to Chicago.

2. Draw a sketch map of South Africa, outlining the different States. Describe the region briefly. Name those parts which belong to Britain.

3. What countries border on the Baltic Sea, the Black Sea, and the Caspian? What rivers discharge into these respectively?

4. What regions of the Earth are rainless, or nearly so, and which have an excess of rain? Explain the cause of this difference.

5. What and where are Samoa, Oude, Bombay, Darien, Prague, Altai, Cango, Borneo, Baikal, Obi?

CHEMISTRY.

*Time allowed, 1½ hour.**Examiner,..... H. ASPINWALL HOWE, M.A., LL.D.*

1. What is *superphosphate of lime*, and how is it prepared?
2. Outline the process by which *Sulphuric Acid* is prepared.
3. Explain meanings of endings *ic* and *ous* in the names of acids, and endings *ite* and *ate* in names of salts.
4. What is the composition of "white arsenic" of the shops? How may arsenic be detected in Solution?
5. Describe mode of preparation and properties of either *perchloride* or *nitrate* of iron.

BOTANY.

Time allowed, 1½ hour.

1. Give botanical names for structures represented by *onion*, *potato*, *tomato*, *thistle down*, *flower of calla lily*.
2. Sketch a leaf designated as *round-heart-shaped*, *crenate*, *long-petioled*.
3. What is *placenta* of the *ovary*? Distinguish between *axile* and *parietal placenta*.
4. Characterize *Gymnospermous* plants, citing an example from Canadian trees.
5. Plants are said to purify the air for animals. Explain this statement.

ARITHMETIC.

*Time allowed, 1½ hour.**Examiner,..... H. ASPINWALL HOWE, M.A., LL.D.*

NOTE.—The *work* must be given by which answers are obtained, in both the Arithmetic and the Algebra.

1. The value of a fraction is not changed when the numerator and denominator are multiplied or divided by the same number. Shew this by reasoning with an example.
2. Add together $\frac{1}{5}$, $\frac{2}{3}$, $\frac{4}{15}$, and $\frac{5}{21}$. Then find what fraction the sum is of $1\frac{2}{3}$ of $\frac{4}{27}$.
3. What is a decimal fraction, and why so called? How many times can .027 be taken from 3.33, and what fraction of the former of these two is the remainder?

4. If £240 maintain 49 persons in bread for 20 months, when wheat is 48 shillings a quarter, how long will £234 supply 91 persons with bread when wheat is 56 shillings a quarter.

5. How many yards long is the side of a square which contains $2\frac{1}{2}$ acres of ground.

ALGEBRA.

Time allowed, 1½ hour.

1. If $x = 1, y = -2, z = 3$, what is the numerical value of

$$\frac{1}{2} [x - \frac{1}{3} \{y - \frac{1}{4} (z - x - 2y)\}]$$

2. Subtract $2a - 3(2b - 3c)$ from $4a - 3(b - 2a)$ and multiply $a^2 - ab + b^2$ by $a^2 + ab + b^2$.

$$3. \text{ Shew that } 1 - \frac{b^2 - c^2 + a^2}{2ab} = \frac{(a + c - b)(b + c - a)}{2ab}$$

4. Solve the simultaneous equation

$$\left\{ \begin{array}{l} \frac{x}{a} + \frac{y}{b} = 2 \\ bx - ay = 0 \end{array} \right\}$$

5. The denominator of a certain fraction exceeds the numerator by 2. If the numerator of the fraction be increased by 5, the value of the fraction will be increased by unity. Find the fraction.

GREEK.

Time allowed, 1½ hour.

NOTE.—Candidates may choose, in this Paper, between Xenophon and Homer.

XENOPHON.

1. Translate, without unnecessary change of construction:—

Το δ' ὄροντις νομίσας ἵπαιμον σίγα μέτω τούς ἵππους, γραφει ἐπιστολὴν παρὰ βοσκία, ὅτι ἵζοι τὸν ἵππον ὃς ἀν δίγνητος πλέοντος, ἀλλὰ φράσαι τοὺς αἴτοιν ἵππους ἵππους ὃς φίλον αἴτον ἵπποδι γνωστόν. Ἐγήν δὲ ἐν τῷ ἐπιστολῷ καὶ τὸς πονούσιν ἵππους ἵππους καὶ πιστούς. Ταῦτα ἵπποι διδωσι πιστοῦ ἀνδρὶ, οὐ μάτοι ὃ δέ ζαλει Κίρρη διδωστιν. Ἀγαγνάγη δὲ μάγην ὁ Κέρος στρατηγάνετες θεοπάτην, καὶ σει, καίτι τοῖς τῷν ἵπποις σκυνήν Ηέρων τοὺς ἄριστος τῶν περὶ αἴτον ἵππον καὶ τοὺς τῷν Φενίγρων στρατηγοὺς ἵππουν ὅπλιτας ἀγαγέει, τοῖτον δέ στρεμμα ταῦθα περὶ τῷν αἴτοις σκυνήρ. Οἱ δέ ταῦτα ἵππους, αγαγόντες ὡς τοῖς σχίσιοις ἀποτελοῦται. Κέλαρτον δὲ καὶ τοὺς παρακάτεστο σίμοντον, οὐ γέ καὶ αἴτον τοῦ μέλλοντος ἵπποις προπατηθήσαντα μάζιστα τῶν Φενίγρων. Ἐπεὶ δὲ ἵπποι θεοῦ, οὐτε τοῦ μάτοι τῷν κρανού τοῦ ὄροντος οὐ γάρ απόρρητον φύεται τοῦ Κέρον ἀρχαὶ τοῦ ἵππου ἀδεῖ.

ANABASIS, Bk. I., ch. 6, §§ 3, 4, 5.

2. Parse fully each word of:— *Ταίτην τὴν ἐπιστολὴν.* διδώσει πιστῶ ἀνδρὶ ὡς ὁετοῦ.

3. Decline together, in the three numbers, πιστῶ ἀνδρὶ; and write out in full the tenses διδώσι and παρεκάλεσε.

4. Give in the Indicative mood, the 1st person sing. of the Present, the Future, the Perfect, and the 1st or 2nd Aorist of the verbs to which belong διδώσι, ἀναγνούει, συνέλαμβάνει, θέσθαι, ἐξῆλθεν.

5. In the following:—

(a) ὅτι ἡξαὶ ἔχων ἵππεις.... In what mood is *ἡξαὶ*, and why?

(b) ἵππεις ὡς ἀν δίνηται πλείστονε. Give the corresponding Latin.

(c) προτιμηθῆναι μάλιστα. Give the Comparative and Superlative of this adverb.

6. What is the derivation of:—*ἐπιστολή*, *ἐπίστημα*, *στρατηγός*, *κρίσις*, *ἀπόρρητος*.

HOMER.

Time allowed, $1\frac{1}{2}$ hour.

1. Translate, without unnecessary change of construction:—

Οὐ γὰρ πάντων γένει ὄμοις θρόος οὐδὲ ἵα γῆρας.

Αλλὰ γένωστος ἐμέμικτο, πολίκητος δὲ ἵστανται ἀνδρες.

Ωρσε δὲ τοῖς μὲν Ἀργες, τοῖς δὲ γλαυκῶπις Ἀθήνη.

Δεῖμος τοῦ δὲ φθόνος καὶ ἐρις ἀμοτῶν πευανά,

Ἄρεος ἀνδροφόνοι κασιγνήτη ἐπάρη τε,

Τοῦ τοῦ διγένη μὲν πρῶτα κορίσσεται, αἰτάρη ἵπειται

Οίραντος ἐστηριζει κάρη καὶ ἐπὶ χθονὶ βαίνει.

Τοῦ σφιντ καὶ τάπει τεικος ὄμοιον ἐμβαλει μεσσω

Ἐρχομένη καθ' ὄμιλον, ὀφελλονται στάντον ἀνδρῶν.

Οὐ δέ ιτε δῆ μὲν τοῖς λόροις ἵα Σινιόντες ἵκουντο,

Σὺν δὲ ἐβάλοντο ρινοῖς, σὺν δὲ ἐχει καὶ μινέ ἀνδρῶν

Χαλκεομάρμηκῶν ἀπάρη ἀσπιδες ὄμφατά οὔτεσαι

Ἐπέληντος ἀλλαζόντος πολλῆς δὲ ἀνηματοδόσης ὄραρετ.

Ἐργάτης δὲ ἀμφ' ὄμιση τε καὶ εἰς γαλήνη πτέτειν ἀνδρῶν

Οὐδὲντων τε καὶ οὐδὲντων, μὲν δὲ μίαντει γαῖα.

ILIADE, Bk. IV., vss. 437-451.

2. Parse fully each word of the line:—

Οὐ δέ ιτε δῆ μὲν τοῖς λόροις ἵα Σινιόντες ἵκουντο,

3. Decline together in the three numbers, *πολέμησον ἀνδρες*; and write out in full the tenses *ιμβαζε* and *ἱκουντο*.

4. Give, in the Indicative mood, the 1st pers. sing. of the Present, the Future, the Perfect, and the 1st or 2nd Aorist of the verbs to which belong *ἱμέρικτο*, *βαίνει*, *ἱαβούσε* and *ἱκοτο*.

5. Write the Attic forms of *ισαν*, *ἀνδροφόνοι*, *ἱεβάλτη*, *ἀλληγησε*, *γένει*.

6. What is the derivation of *πολέμησε*, *γένει*, *ἀνδροφόνοι*, *ἱαβούσε*, *οἰνωγη*.

FRENCH.

Time allowed 1½ hour.

Examiner, H. ASPINWALL HOWE, M.A., LL.D.

1. Translate, without unnecessary change of construction:—

(A) A peine affermi sur le trône, il tenta une entreprise plus difficile que des conquêtes. Les véritables tyrans de l'État étaient les évêques qui, ayant presque toutes les richesses de la Suède, s'en servaient pour opprimer les sujets, et pour faire la guerre aux rois. Cette puissance était d'autant plus terrible que l'ignorance des peuples l'avait rendu sacrée. Il punit la religion catholique des attentats de ses ministres: en moins de deux ans il rendit la Suède luthérienne, par la supériorité de sa politique plus encore que par autorité. Ayant ainsi conquis ce royaume, comme il le disait, sur les Danois et sur le clergé, il régna heureux et absolu jusqu'à l'âge de soixante-et-dix ans, et mourut plein de gloire, laissant sur le trône sa famille et sa religion.

(B) Les Russes sont robustes, infatigables, peut-être aussi courageux que les Suédois; mais c'est au temps à aguerrir les troupes, et à la discipline à les rendre invincibles. Les seuls régiments dont on put espérer quelque chose étaient commandés par des officiers allemands; mais ils étaient en petit nombre; le reste était des barbares arrachés à leurs forêts, couverts de peaux de bêtes sauvages, les uns armés de flèches, les autres de massues: peu avaient des fusils, aucun n'avait vu un siège régulier; il n'y avait pas un bon canonier dans toute l'armée.

2. Parse the words of the first sentence of extract A.

3. *Ayant* presque toutes les richesses. When does the Present Participle of a Verb in French change for gender or number? Are *ayant* and *étant* subject to such change? Why or why not?

4. L'avaient rendue sacrée. Why are these Participle feminine? Give Rule for it.

5. Mais ils étaient en *petit* nombre. Give the comparative and the Superlative of this adjective, and distinguish it from *peu*.

6. Et mourut plein de gloire. Write out the Present Indic. of this verb. Give also the Present Infinitive and the Present and Past Participles.

PROFESSIONAL EXAMINATIONS.

FIRST YEAR.

BOTANY.

Examiner..... D. P. PENHALLOW, B.Sc.

1. Explain the structure of the ovum and spermatozoids, show in what they are produced, and compare their development in Pteridophytes and Angiosperms.
2. Explain the conditions essential to, and the products formed by, constructive metabolism.
3. Explain the difference between Chlorophytes and Saprophytes with reference to the appropriation of food and the metabolic products.
4. A tree is punctured and water is observed to flow from the opening. Show fully the cause of such movements, its relation to growth, and how it may be measured.
5. Show what elements constitute plant food, and how their value in this respect may be proved.
6. Give a statement of the conditions which determine the temperature of plants, and show to what extent the temperature produced in respiration is a factor.

HISTOLOGY.

Examiner..... PROF. G. WILKINS, M.D.

1. *Describe the crystals that may be obtained from blood. How can they be shown under the microscope?*
2. *Describe the glands opening into the mouth and how the different varieties may be distinguished from one another.*
3. *Describe minutely the structure of the kidney.*
4. *Describe the retina.*

PHYSIOLOGY.

Examiner T. WESLEY MILLS, M.A., M.D.

1. Compare, physiologically, plants and animals.
2. The circulation of the blood in mammals: (a) nature; (b) causes.
3. (a) Classify the food-stuffs of a meal consisting of beef-steak, potatoes, bread and apple-pie.
(b) State how and where these are digested.
4. The lungs: (a) structure; (b) functions and the relations of the latter to the former.
5. Compare anatomically and physiologically the spinal cord and the brain.
6. Describe the series of processes involved in "seeing" an object and
• describe the anatomical structures involved.

SECOND YEAR.

ANATOMY.

Examiner PROF. SHEPHERD, M.D.

- (1) Name in proper order the various structures it is necessary to remove to expose the Hip-joint from in front.
- (2) The Brain having been removed from the skull, describe the dissection necessary to expose the Third Ventricle. What are the boundaries of this ventricle?
- (3) Give a short account of the Intrinsic Muscles of the Larynx, mentioning their actions, attachments, and nervous supply.
- (4) Course and distribution of the Occipital Nerves and Artery.
- (5) Stomach: Situation, relations, vascular and nervous supply.
- (6) Describe the attachments, actions, vascular and nervous supply of the muscles in relation with the capsule of the Shoulder Joint.

PHYSIOLOGY.

Examiner WESLEY MILLS, M.A., M.D.

1. Write on one page of foolscap paper 20 statements of fundamental importance in animal physiology.
2. Blood capillaries, lymphatics, blood, lymph and chyle. (a) Structure; (b) general chemical composition of the last three; (c) functional relations of all of them.
3. A man on running 200 yards to catch a street car after dinner has the following experiences: (a) Greatly accelerated pulse and respiration; (b) sense of increased warmth, with profuse perspiration; (c) imperfect digestion; (d) inability to work mentally as usual.

Explain the causes and relations of these phenomena.

4. What are the principal waste-products of the animal organism (mammal)? To what in the *ingesta* do they correspond? By what organs are they excreted? Explain the relations of the latter to each other.
5. What are the views usually taught in regard to "absorption" from the alimentary canal? Criticise them.
6. Discuss the relations of the cerebral cortex to the rest of the nervous system; and the general relations of the latter to the various vital processes.
7. Show that all the senses are subject to the same general laws, illustrating especially by vision.
8. Explain, as time permits, how embryology bears on physiology.

CHEMISTRY.

Examiner G. P. GIRDWOOD, M.D.

1. The specific gravity of a sample of wax is 0.96: the weight of a piece is 15.432 grains. Describe the mode of taking the specific gravity thereof. What weight of lead of specific gravity 11.36 would be required?
2. Given any quantity of Zn, K, H, Cl, and O, how would you proceed to obtain Zinc Hydrate? Describe the operation and show by equations the steps necessary.
3. Describe the properties of Phosphorus and calculate the weight of 1 litre of phosphorus vapor at 400°C., normal pressure.
4. Compare fully the modes of preparation and properties of Carbon Dioxide and Sulphurous Anhydride.

5. How are Sulphur and Nitrogen distributed in nature? How may these elements be detected in organic compounds?

6. Give a brief account of the chemistry of the acids of Sulphur and Boron.

7. Arsenic and Antimony have properties and reactions which show that they are intermediate between the metallic and non-metallic elements. Discuss this fully.

8. Two substances each yield the following results to analysis: Carbon, 24.24 per cent.; Chlorine, 71.72 per cent.; Hydrogen, 4.04 per cent.; Vapor density (air = 1) = 3.43. Give the formulæ and state how each may be prepared.

9. Classify (a) the Carbohydrates and (b) the Cyanides. Give the characteristics of each sub-group.

10. Describe two reactions that may be used to detect each of the following: (a) Prussic Acid; (b) Carbolic Acid; (c) Urea; (d) Ethyl Alcohol; (e) Oxalic Acid; (f) Acetic Acid; (g) Chloral Hydrate; (h) Mercuric Chloride; (i) Arsenious Oxide; (j) Lead Nitrate. Give equations wherever possible.

CHEMISTRY.

SUTHERLAND GOLD MEDAL.

Examiner,..... PROF. G. P. GIRDWOOD, M.D.

1. Show the relation existing between the three agencies, light, heat, and electricity.

2. Give examples showing that mechanical division increases chemical activity.

3. The properties of the elements vary with their atomic weights; illustrate this.

4. Discuss the physical properties of the class of elements called metals. How is the atomic weight of a metal determined? How could you separate Ag, Hg, Cd, Fe, Zn, Ca and Mg, if present in the same solution.

5. How many litres of HCl gas at 0° C. and 760 m.m. are required to precipitate all the silver contained in a solution containing 340 grammes of silver nitrate? If 500 C. C. of Cl at normal pressure and temp. are passed through ammonia in excess, and assuming all the Cl to be utilized, how many C. C. of N. will be liberated? How could you determine the formula of ammonia from these facts?

6. Show how the classes of organic compounds Alcohols, Ethers, Halogen Ethers and Mercaptans may be formed, and the relation which

exists between these and the organic compounds called amines, their classification and mode of formation.

7. Write an account of the chemistry of glycerine and its chief derivatives.

8. Prove the formula for urea ; by what reactions might it be prepared from ethyl alcohol.

9. Write a short essay on the chemistry of either (a) the urine, (b) digestion, or (c) respiration.

10. Give two methods for the preparation of each of the following: Oxalic acid, acetamide, ethylamine, diethylketone, and butyric acid.

THIRD YEAR.

PATHOLOGY.

Examiner T. WESLEY MILLS, M.A., M.D.

1. Enumerate abnormalities in blood-distribution and describe two of them.

2. Inflammation : (a) Phenomena. (b) Causes and relations. (c) Various modes of termination.

3. What various forms of tissue degeneration are generally recognized ? Connect them by common features anatomical and pathological.

4. In the case of four dogs exposed to an infectious disease caused by a micro-organism, the following were the results : (a) One dog that had previously had the disease escaped a second attack ; (b) one suffered little apparent diminution of vitality ; (c) one escaped wholly ; (d) one died. Discuss the above in the light of the pathology of the present.

5. Write as time permits on Tumors.

MEDICAL JURISPRUDENCE.

Examiner PROF. WILKINS.

1. What do you understand by the term *caecalic ecchymoses* ? Explain their formation and where found ; also their importance medico-legally. How would you distinguish them from bruisures inflicted during life ?

2. Explain the objections to the hydrostatic test of live birth.

3. Give some of the important symptoms of lead poisoning. Explain their absence in drinking river water, although conveyed through leaden pipes.

4. Describe General Paresis of the insane.

PHARMACOLOGY AND THERAPEUTICS.

Examiner PROF. JAMES STEWART, M.D.

1. Describe fully how the process of digestion may be influenced by alcohol, opium, quinine, strychnine, bicarbonate of potassium and hydrochloric acid—

- (a) In small doses.
- (b) In large doses.

2. Take any drug that has a distinct action when (a) applied locally to the skin or mucous membrane; (b) when absorbed into the blood; and (c) while being eliminated. Describe fully such action as the agent you choose may be possessed of, and write a prescription (metric system) for any use that can be made of—

- (a) Its direct local action.
- (b) Its internal action.
- (c) Its remote local action.

3. In sleeplessness, the following agents have been shown to be of value, viz., Strychnine, Opium, Sulphonal and Electricity. Explain their mode of action and point out in what particular forms of sleeplessness are they indicated.

How should they be administered?

4. Give a sketch of the dietetic treatment of Diabetes Mellitus and Acute Bright's Disease. Explain the reasons for adopting the form of diet you recommend.

5. In what conditions may stimulants of the respiratory centre prove useful? Write prescriptions for the uses you mention.

6. Explain the mode of action of alcohol, cold water and antipyrine in fever.

M.D. C.M., FINAL EXAMINATION.

PRINCIPLES AND PRACTICE OF SURGERY.

Examiner { PROF. G. E. FENWICK, M.D.
 { PROF. F. BULLER, M.D., M.R.C.S.E.

1. To ligature the right common Carotid Artery, mention the structures to be cut through, the part of the vessel usually selected for the application of the ligature, and the relative position of contiguous structures to be avoided.

2. Trace the anterior Tibial Artery from its origin downwards. In a wound of the vessel in the middle third of the leg, what structures would

guide you in your search for it and how would you arrest the hemorrhage?

3. Trace the descent of the bowel in Femoral Hernia. What structures does it acquire as its coverings? Where is the stricture situated in cases of strangulation, and what are the dangers to be avoided?

4. Mention the anatomical division of the Male Urethra. Describe the origin of stricture of this natural passage, and state where it is most commonly found.

5. Describe the dangers of Lateral Lithotomy and how they are to be avoided.

6. Dislocation of the first phalanx of the thumb backwards, what gives rise to the difficulty in its reduction?

7. At what period of their course may Burns prove fatal? Describe the causes of the fatality in each stage.

8. What is the object of carefully observing the temperature in patients after surgical operations?

What might a sudden rise or a marked fall in the temperature of the body indicate?

8. Describe an ordinary case of Sympathetic Ophthalmia, and state what you know concerning the causes, prevention, and treatment of this disease.

10. Chronic Suppurative Otitis Media? State what you know of the dangers, complications, and treatment of this affection.

THEORY AND PRACTICE OF MEDICINE.

Examiner PROF. R. P. HOWARD, M.D.

1. The diagnosis between Acute Articular Rheumatism and the diseases which may be confounded with it.

2. Describe the treatment of a severe case of Typhoid fever, attended with delirium and diarrhoea.

3. Enumerate the affections of the brain, heart, blood-vessels and eye which may result from chronic Bright's disease, and explain their production.

4. The forms of Acute Phthisis and the symptoms and signs indicative of each form?

5. Prescribe the dietetic and hygienic treatment of Gout, Diabetes Mellitus, and Chronic Interstitial Nephritis.

6. Relate the early symptoms suggestive of Tabes Dorsalis, Rickets, and Diabetes Mellitus.

7. Describe the morbid anatomy of Cerebral Syphilis and of Rheumatoid Arthritis.

8. The symptoms and course of acute yellow atrophy of the liver? The peculiarities of the urine in it?

9. The causes, clinical diagnosis and several consequences of Mitral Regurgitation?

10. An infant, while in its usual health, is suddenly seized with fever vomiting, stupor and convulsions, which last two days, and then these symptoms gradually disappear, leaving the child aphasic and hemiplegic. What is the probable nature of the affection, and what evidences of the illness will be likely to exist a year later? What will be the condition of the paralyzed limbs then?

GYN.ECOLOGY.

Examiner PROF. W. GARDNER, M.D.

1. Retroversion and Inversion of the Uterus? Symptoms, physical signs and diagnosis?

2. Reflex and Systemic disturbances attendant on Chronic Metritis?

3. Myoma Uteri? Varieties, symptoms and physical signs?

4. Ovarian Tumors? Symptoms and the more common complications and accidents?

OBSTETRICS AND DISEASES OF INFANCY.

Examiner PROF. J. C. CAMERON, M.D.

1. Describe fully the management of the *third stage* of labor, giving your reasons for the various manœuvres recommended.

2. When is the *premature induction of labor* indicated? What are the relative merits of the methods proposed by *Krause*, *Cohen*, *Kirvisch*, and *Barnes*?

3. How would you perform *combined pelvic version*, and when would you prefer this to the *high forceps* operation?

4. During gestation a primipara suffers considerably from nausea, loss of appetite, constipation and palpitation. Labor is tedious and several vaginal abrasions occur, together with laceration of the perineum to the second degree. Convalescence proceeds favorably till the evening of the third day, when there is a severe chill with rise of pulse and temperature. Describe fully your treatment of such a case.

5. How would you treat—(a) Umbilical hemorrhage?

(b) Congenital hernia?

(c) Talipes equino-varus in an infant?

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To SUSTAIN MENTAL EXERTION.—Mix two teaspoonfuls in a tumblerful of cold water, and drink small quantities occasionally during the hours of intellectual work.

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FACULTY OF ARTS—(Opening Sept. 1stth, 1889.)

DONALD A SPECIAL COURSE FOR WOMEN—(Sept. 16th.)

FACULTY OF APPLIED SCIENCE—Civil Engineering, Mechanical Engineering, Mining Engineering, and Practical Chemistry. (Sept. 16th.)

FACULTY OF MEDICINE—(Oct. 1st.)

FACULTY OF LAW—(Oct. 1st.)

McGILL NORMAL SCHOOL—(Sept. 2nd.)

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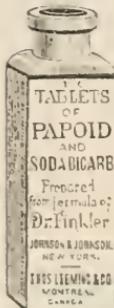
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